



ARCHITECTURE TRAIL

YSPM's
**Yashoda College of
Architecture
Satara**



Annual Magazine 2017

YASHODA SHIKSHAN PRASARAK MANDAL
YASHODA COLLEGE OF ARCHITECTURE
 email: yca_info@yes.edu.in ; pro_ytc@yes.edu.in
 phone : 02162 - 271239 /40/41/42



Other Courses at YSPM campus

FACULTY OF ENGINEERING

Polytechnic

Courses

Civil

Mechanical

Electrical

Bachelor of Engineering (B. E.)

Courses

Mechanical

Civil

Comp. Science & Engineering

Elec. & Telecommunication

Electrical

Master of Engineering (M. E.)

Courses

Machine Design

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(CBSE affiliated)

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Jr. KG to VIII standard

FACULTY OF PHARMACY

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D. Pharmacy

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Courses

M. C. A.

FACULTY OF M. B. A.

Master of Business Administration (M.B.A.)

Courses

M. B. A.

INSPIRATION



I welcome you to YSPM'S Yashoda Technical Campus, Satara, an institution which inculcates true values which disseminating quality education for shaping the career of our student.

All our institutes are approved by the concerned statutory bodies and fulfill all the norms and standards laid down by them.

Our technical campus is located in a lush green, pollution free, picturesque environment. Our institutes have all qualified, experienced and student caring faculty, well equipped laboratories, spacious lectures halls and tutorial room, well maintain rich library, e-library, wi-fi campus, computer centres with internet facility and play ground with sports facilities. We emphasize on overall personality development of our students. Our faculty pay attention to each student to focus on their strengths and to develop confidence. We provide students to platform to excel not only in academics but also in co-curricular and extracurricular activities. We encourage indivisible growth, team building, industry interaction and multidisciplinary study culture.

Amenities provided by our institute include transports facility, hostel facility, reprographics facility, canteen, std pco, medical centre, sports centre etc.

We are committed to impart value based value quality education along with development of positive attitude, skills and abilities to apply knowledge in order to meet the challenges of future. I congratulate the whole team of yashobal and wish them all the success and i am sure that this annual magazine will be a great read to all.

PROF. DASHARATH SAGARE

FOUNDER PRESIDENT

YASHODA SHIKSHAN PRASARAK MANDAL

ASPIRATION



It is indeed a pleasure for us to present this magazine before you. It will cover almost all the activities i e, academics, sports, cultural or extra-curricular. It has taken a joint efforts of students and staff of YCA.

We suppress maximum on students autonomy to cultivate their ideas, bring up newer creativity. When they undergo sternous activities followed by YCA, it definetly results into many good outputs, some of them are, exhibition, yashoda marathon, poster presentation etc.

We promise to keep same pace in improvement, inspiration and cultivate more flowers as these, as YSPM grows in different areas and different countries.

Lastly, I extend my best wishes to magazine team and all editors for their contribution.

PROF. AJINKYA SAGARE

VICE PRESIDENT

YASHODA SHIKSHAN PRASARAK MANDAL

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PRINCIPAL'S MESSAGE



I am very proud of the “ARCHITRAIL 2017” magazine initiative. It is an outcome of a continuous effort and hard work of the faculty and students of Yashoda College of Architecture.

An architectural educational Institute is about building character, enriching minds & inspiring experiences that last a lifetime; it is not just about bricks and mortar. Here; life is a series of experiences and learning process; beyond the standard set of instructions. We also engage in supporting the students to refine the necessary skills, attitudes and extra-curricular activities so as to create efficient, capable and sensitive Architects and Interior Designers.

Yashoda college Students experience various Seminars, Workshops, National level conferences, Site visits, Study Tours, college Magazine and many other activities for necessary exposure which are of high importance in professional life. This helps them in meeting the challenges of life. We are dedicated to ensuring that your College life would be an enjoyable & a memorable experience of your life.

With the notion that erudition and hard work are the basis of success and prosperity, I intend to mould future architects as ardent individuals; envisioning on the past and present architecture leading them into an International world of architecture.

Our President Mr. Dasharath Sagare Sir & Vice President Mr. Ajinkya Sagare Sir's unstinting support has encouraged us into taking our institute to a great pinnacle of glory. He has always been a source of inspiration for all of us. The valuable guidance of our Directors is also an inspiring factor and their presence gives us a moral boost.

PROF. AR. SUHAS TALEKAR

PRINCIPAL

YASHODA COLLEGE OF ARCHITECTURE



3 FOREWORDS

few inspirational words from the founder president and vice-president, with principals message.



10 EVENTS & ACTIVITIES

exploring beyond syllabus with events like workshops, seminars, sports etc, that took place in last year.

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tours and site visits that forms a larger part of the learning is described in this section. It refers to the last years study tour to hampi, hospet, badami & patadakkal in southern part of India.



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toppers of all the classes and students achievements in various sport events is potrayed in this section

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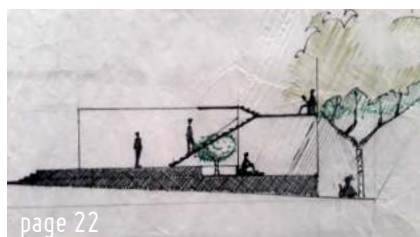
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a realtime project by student abhijeet herkal who carries a architectural diploma describes his experience and the lessons learned during experience.



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government project of nagarpanch in malkapur karad done jointly by faculty ar. suhas talekar and ar. sujata talekar of talekar associates that took shape as a competition winning entry.

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a bungalow project design by faculty ar. shree mahajani is covered in this section, which exhaustively explains all the factors from building design to the interiors of the project.

54 THIRD EYE.....

faculty ar. vipul salvankar explains about his take on architectural photography.

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ar. sonal jagdale explains about a recent award winning up-coming project 7-star which is a mixed used commercial complex in satara designed by ar. mahendra chavan.



EDITORS DESK

EDITOR

Ar. Snehal Shedge

CREATIVE EDITOR

Ar. Swarali Sagare

PROOF READING

Ar. Rakhi Begampure

GUEST ARTICLE

Ar. Sonal Jagdale

EVENTS & GUIDES

Ar. Prakash Bansode

Ar. Abhishekh Kamble

STUDENT

COORDINATORS

Mr. Rushikesh Kadam-TY

Ms. Revati Shinde-TY

COVER PAGE-LOGO

Mr. Sanket. Bhosale- FY

BEHIND THE CURTAIN

DYNAMO

Miss Supriya Chorge

Mr Sambhaji Medhekar

Mr. Tushar Pisal



Dear Readers

On occasion of Town Planning and Smart Cities Seminar 2017, we are inaugurating our very first magazine "ARCHITRAIL".

ARCHITRAIL as the name suggests we are trying to develop a trail with collective effort for all architecture, art & technology enthusiasts and also aspiring architecture students.

We are also trying to capture the gist of events and activities that happened in the past year to look back and improvise with each step

In this venture I would like to congratulate all the students & staff for their relentless efforts for the successful completion of this magazine.

So hoping ARCHITRAIL will take a form of mass portrayal of architecture and design and many of budding architecture students will join and carry forward this trail in future

AR. SNEHAL SHEDGE

YASHODA COLLEGE OF ARCHITECTURE

CLIMATOLOGY WORKSHOP

CHARLES CORREA, a well-known architect once said, "Form follows climate". This thought essentially suggests that a built environment can respond to climate or use it as an advantage. Traditionally, most buildings fundamentally responded to climate. Climatic information of the place is an important parameter to design a space applied in the design of buildings.

Within this context, Yashoda College of architecture held Workshop on 22th Sept 2016 with resource person Ar. Mukund Datye. This one day workshop focused on Sun Responsive Architecture combining insights on climate change processes with knowledge on environmentally responsive architecture and urban design, aiming to mitigate climatic exacerbation and adapt to changing climates.

For this One day workshop we received an overwhelming response from the students of Yashoda College of architecture. The workshop had two sessions, the morning session had presentation of Ar. Mukund Datye and the afternoon session was practical presentation. The workshop aimed to explore, learn and express the Sun responsive techniques and how they are integrated in the built form of residential spaces in the city to human scale and activity.

The objective was to understand how spaces can be planned in terms of local climate conditions, to bridge the gap between making plans, sections and elevations through observation based sketching & to enhance graphical skills for documentation.

DESIGN YATRA



TOP: students and faculty members present at the workshop

ABOVE : Ar. Mukund Datye guiding the students

BELOW: Students in the rally of Design Yatra

BOTTOM LEFT: from left Ar. Navin Lad -IIID chairman, Kolhapur, lighting lamp with Ar.Sandip Ghorpade, Kolhapur, Ar. Mayur Gandhi, Ar. Suhas Talekar- YCA principal & Prof Ajinkya Sagare Vice- President YSPM during opening ceremony of Design Yatra in YCA Satara.



In December 2016, YCA was a part of Design Yatra, where our college organized for Satara chapter in collaboration with IIID. The aim of this Yatra was to take design to masses; that is to express importance of design to a large number people to a larger scale.

The Satara chapter tour was organized by Yashoda College of Architecture that included Temple measure drawing guided by Ar. Adwait Patankar, followed by Design Yatra Rally in Satara to explore the old city area, followed by workshops & concluded with Heritage walk headed by Ar. Yatin Pandya.

EXHIBITION

ARCHITECTURE BEING the art & science of designing, the display of creativity inspires the artists, which is required for our students. On that very account, Yashoda College of Architecture organizes exhibition displaying students' academic as well as extra-curricular works.

The first exhibition was held in October 2015-16. The theme for the exhibition was 'Ignition', indicating the beginning of our new ventures. The function was inaugurated by chief guest Ar. Shree Mahajani Sir.

Student's work and installations were appreciated by our honorable guest, faculty, parents and many visitors. The Assistant director of Town Planning, Satara- Mr. Shrikant Deshmukh was enthusiastic enough to drop a visit and encourage our students.



TOP
Honorable guest Ar. Shree Mahajani Sir inaugurating the function
ABOVE:

Town Planning Officer Mr. Shrikant Deshmukh appreciating student's design models along with YSPM President Prof. Dashrath Sagare.

LEFT: Student attending the visitors
BOTTOM: Principal and ICC chairman Ar. Suhas Talekar felicitating our guest speaker Adv. Manisha Barge



SEXUAL HARRASSMENT SEMINAR

SEXUAL HARASSMENT is a growing concern within today's organizations. Like many professionals today, you probably have questions and concerns about what can be called as sexual harassment and sexual assault.

YSPM's Yashoda College of Architecture, had organized a training program on Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 at Satara, Dist-Satara.

Adv. Manisha Barge madam guided all the participants that included students, staff (teaching and non-teaching). She explained about a law to provide a safe and secure working environment free from sexual harassment for all women (Prevention, Prohibition and Redressal) Act, 2013. She



EXPLORING BEYOND SYLLABUS

addressed about what exactly sexual harassment and what workplace sexual harassment means. She also focused on the key individuals and institutions involved in the prohibition and prevention processes and their responsibilities. Few examples through video presentations of unwelcome acts or behaviors were given along with information about how to complain and where to complain regarding harassment.

RIGHT

Adv. Manisha Barge addressing the seminar



SPORTS & PRIZE DISTRIBUTION

GAMES AND SPORTS are as essential as studies. They provide the much desired change in the academic life of the students. In fact, the college sports day is an eagerly awaited day.

Every year, Yashoda college of Architecture organizes Sports day for students, in order to develop sporty spirit in students & for students to give them opportunity to display their physical prowess and gain hands on experience of organizing sports.

The inauguration commenced at 9:30 am, this was followed by welcome and inaugural speech by the President of Yashoda Tech.Campus Prof. Dashrath Sagare sir, his words of wisdom, especially drawn from his own personal life were inspiring and it set the tone for the day. Vice President Prof. Ajinkya Sagare sir, declared the sports open.

The sports involved enthusiastic participation of all the students of Yashoda College of Architecture and Yashoda Tech. Campus. The students actively participated in both track and field events. Field event like Basket Ball and Volley Ball were conducted both for boys and girls. Kabaddi was conducted for the boys, where active participation was seen. Indoor games like chess, Table-Tennis and Carrom Board were taken up by both boys and girls. The ground was filled with cheer and excitement as each event's results were announced. The winners of the various events were awarded with trophies, medals and certificates in Annual social gathering, prize distribution.

LEFT (all 3 images):

Students participating and enjoying different sport events during Annual Sports





ABOVE (both):

Well-known Marathi actor Mr. Girish Oak giving away prizes of sports to students

RIGHT:

Shivaji University's Vice Chancellor Dr. Devanad Shinde giving prize to first year topper student Miss. Priyanka Oswal during 1st semester.



TERACOTTA WORKSHOP



Workshop of Teracotta articles was conducted in Yashoda College of Architecture on 23/12/2016, Friday by Gaurav Kaingade from Kolhapur. He is well known for his teracotta articles in the artists network and for conducting educative workshops for art enthusiasts.

Workshop was also participated by students of Bhavana Institute of Interior Design, Satara. Further after the demonstrations of work by Mr. Gaurav Kaingade, workshop was turned as an hands on learning experience for students. Later on the process of baking and other trade secrets were shared with students in the form of an Audio Visual presentation.



LEFT (both): *Mr. Gaurav Kaingade guiding students in workshop*

ABOVE: *Audio Visual presentation on techniques of Baking terracotta articles by Mr. Gaurav Kaingade*



LEFT:

Mr. Gaurav Kaingade guiding students in workshop

BRICK WORKSHOP

BRICK WORKSHOP WAS conducted by Ar. Pravin Mali from Sangli. The workshop was conducted for 2 days in which students built different types of Arches, domes, vaults, etc. This learning exercise involved explaining about the arches right from the construction technique, mixing of mortar till finally building them.

Ar. Pravin Mali also addressed students at the end of workshop in which he stressed on saving ARCH in ARCH-itecture and this will save Energy, Environment and Economy.



ABOVE

Students in group3 with faculty in Brick Workshop

RIGHT:

Ar. Praveen Mali explaining students & students busy working out a dome in construction yard.

BELOW:

Ar. Mahendra Chavan guiding students on a site visit.



SITE VISITS

SITE VISITS ARRANGED throughout the year for various subjects like architectural design, building construction and management, surveying & leveling, building services, aesthetics and visual arts, art appreciation, etc. the intention of the site visits, is to give students a hands on experience and knowledge about building industry.

Site visits provide valuable exposure that cannot be obtained from theoretical learning. It deepens the understanding of the subject and its need in the project. It is very important for students to visualize and develop sense of imagination in practical world to build a project.

ACTIVE PARTICIPATION- IIA'S MAHACON'17:
Students are encouraged to get exposure to extend their horizons from various workshops, competitions & participation.

MAHACON being the annual event of IIA (Indian Institute of Architects) Maharashtra Chapter, was been organized at Satara center, on 3rd & 4th Feb. 2017. It was a Centenary year of MAHACON, thus a large number of delegates attended the event.

IIA's MAHACON'17 was volunteered by students of YCA; also MAHACON received an active participation from our students for various lectures conducted by renowned Architects.

The event was attended by 1000+ professionals, including practicing architects, students, interior designers, industry leaders, IIA Chapters, Centers & Sub-centers spread across the country. So the mega event proved to be a great exposure for our students in the year.



ABOVE :
from left to right, IIA Mahacon YCA Volunteers with all India IIA chairman Satish Mane, IIA Treasurer Ajay Thakur, IIA Secretary Padmanabhan Gokhale, IIA secretary Sanjay Patil. along with staff of YCA Sujata Talekar and Mayur Gandhi (sitting)

GUEST LECTURES



AR. YATIN PANDYA being one of the activist, academician, researcher as well as the practicing architect from India, paid a visit to Yashoda College of Architecture.

Where, he deliberately had one on one interaction with the students, addressing them on his works on- city planning, urban design, Mass housing, Architecture, interior design as well as conservation projects.

Also, he shared his thoughts on the books authored by him on architecture, especially "Concepts of space in traditional Indian architecture", and "Elements of space making", which has been published internationally.

Prof. Pandya emphasized on the need of students being more sensitive towards the holistic approach for architecture which is experientially engaging, environmentally sustaining and most importantly contextually appropriate.



LEFT (BOTH) :
Ar. Yatin Pandya, ID. Pratap Jadhav (all India IIID president), Ar. Suhas Talekar (Principal, YCA) having a conversation with students

STUDY TOUR – HAMPI

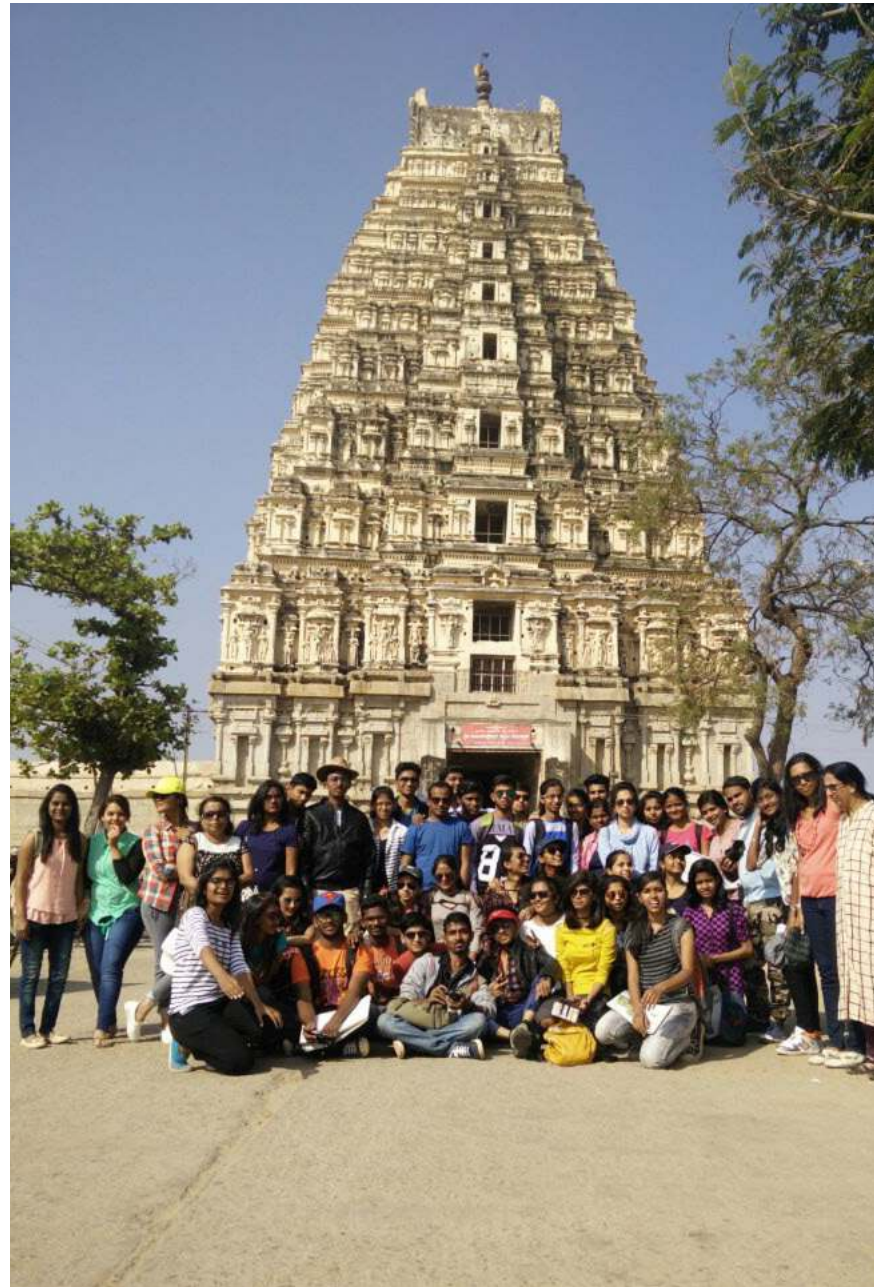
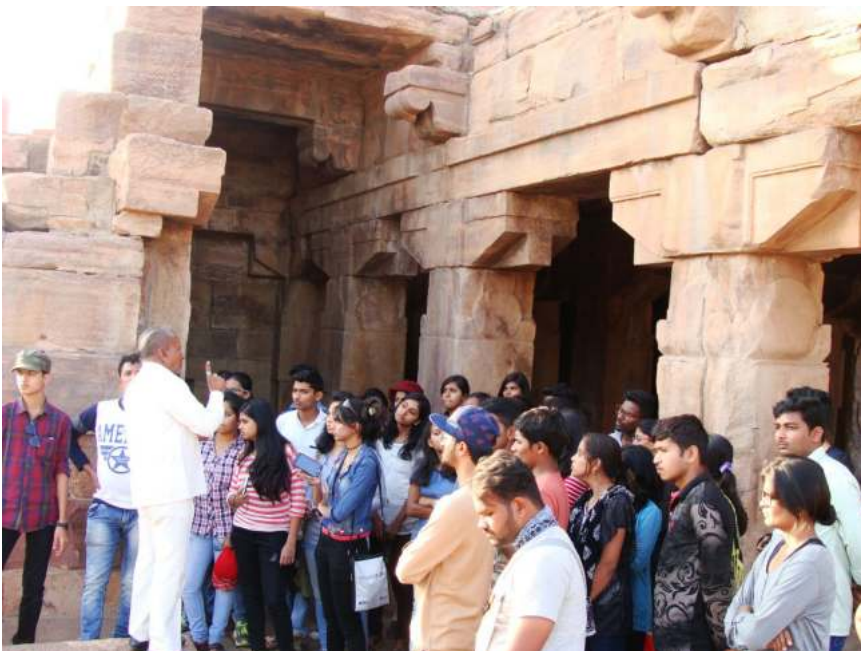
In architecture tours to different places of architectural interest are necessary for comprehensive architectural education. With the same vision along with the regular academic program, the “Yashoda college of architecture encourages the students with ongoing site visits and study tour to various cultural and historical importance places every year.

The study tour of students was organized to world heritage site Hampi with a view to expose the students to India’s rich cultural heritage, besides giving them an opportunity to study



examples of significant traditional architecture.

Hampi is today a rural settlement situated on the southern bank of the Tungabhadra River in Hospet Taluk of Bellary District in Karnataka. It is in a valley surrounded by hills that fade into a blue haze in the distance. Closer to the settlement and in concentric layer after layer are outcrops of huge boulders, dramatic in their formation, shape and balance. Through this brown and grey landscape the river flows in a wide crescent. The Matunga Hill, is the highest point in the area, scattered across



TOP LEFT : students sketching at Hampi

ABOVE : Students and Faculty outside Virupaksha Temple

BELOW : Students listening to the history from Local guide at Badami.





LEFT : *The Lotus Mahal, with its geometric perfection*



RIGHT : *The birds eye view of the Temple Complex*



LEFT : *A tree witnessing the history of the Vitthal temple*



RIGHT : *The surrounding of pradakshina path of Virupaksha Temple*



LEFT : *Elephant Stable in Hampi palace complex*



RIGHT : *The Gopuram of the temple*

this land is seen the ruins of what has been called 'the forgotten empire'.

Apart from on site documentation, The students were able to understand the temple architecture of South India. On site history sessions by faculty gave the students a better perceptive of temple terminologies than classroom lectures. On site sketches gave scale, proportion understanding to the students.

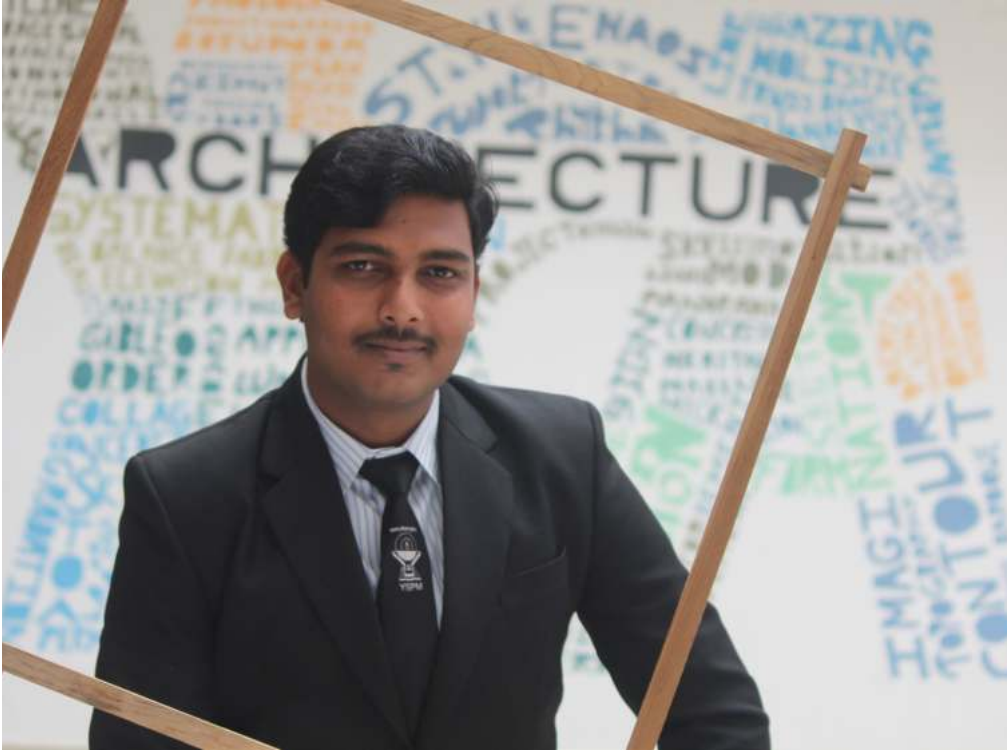
Hampi is one of those places where the elements of history, art, mythology and architecture can leave you contemplating on the ever-inexplicable human condition of creating and destroying. That's how the stones in Hampi melt your heart.

- VISHAKHA SARIKAR

T Y B Arch



S Y TOPPERS – 2016-17



ABOVE : Vishal Supekar stood 1st

RIGHT ABOVE: Namita Jarande stood 2nd

RIGHT: Vishakha Sarikar stood 3rd



F Y TOPPERS – 2016-17



ABOVE : Omkar Shivekar stood 1st

RIGHT ABOVE: Shreya Dongare stood 2nd

RIGHT: Aarti Kokare stood 3rd



AYURVEDIC HEALTH CARE

CENTRE & RESIDENCE

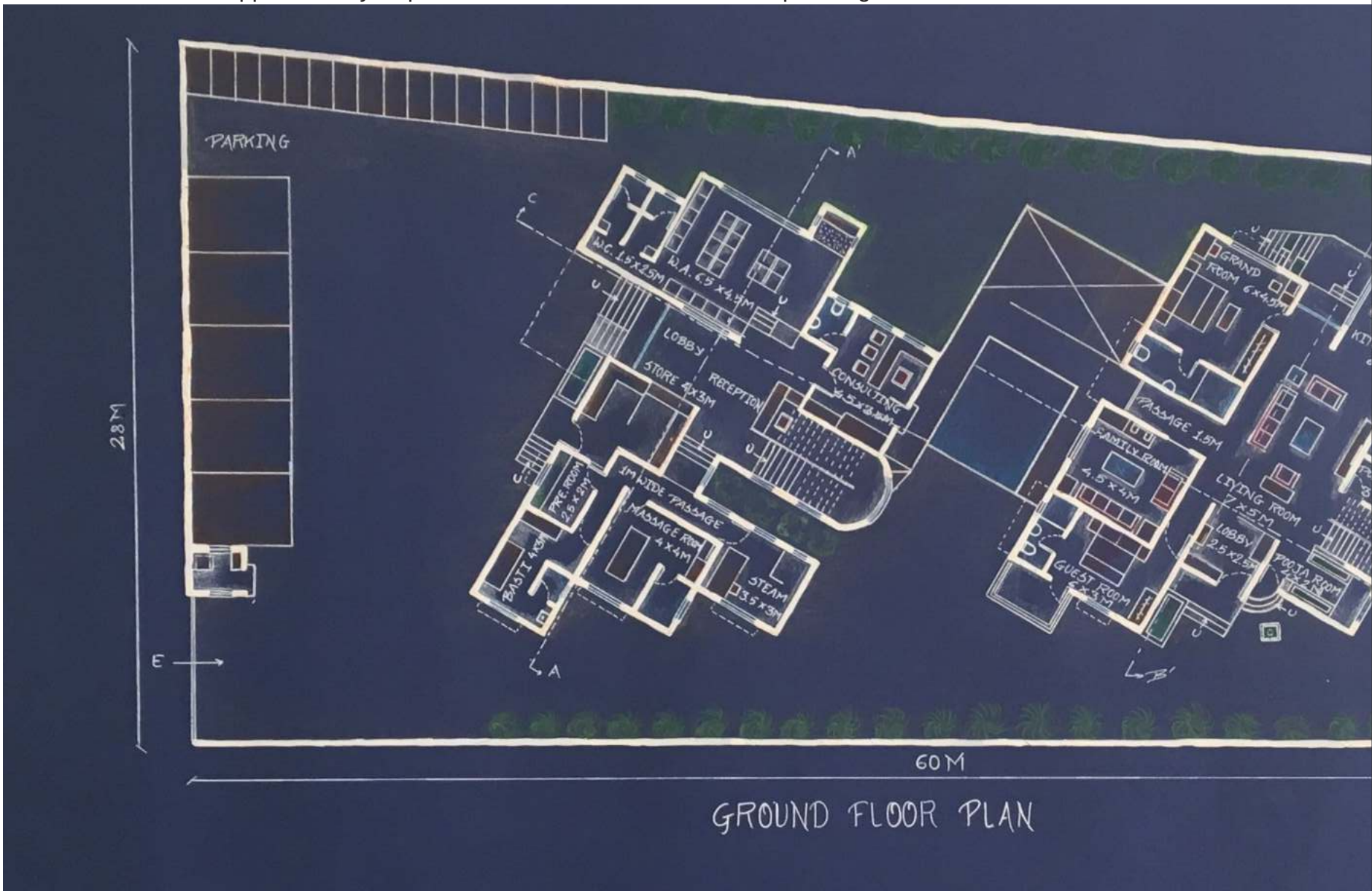


- Vishakha Sarikar

T Y BArch

The Ayurveda is related to human health so taking into consideration the same, the building is designed according to site conditions climate, surrounding and locally available material.

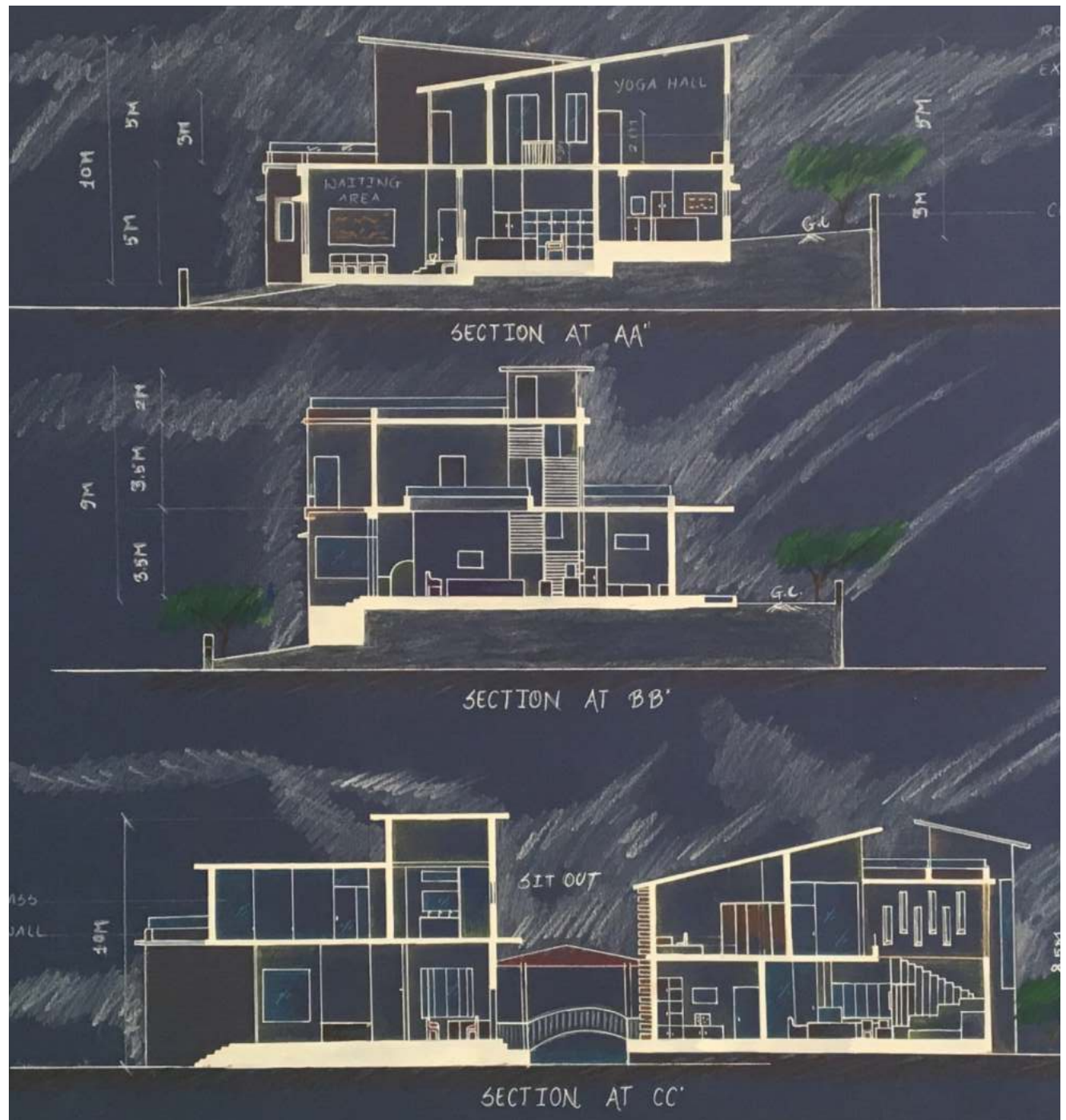
As the given site is near to Urmodi dam it has good lake and Sajjangad fort view is at north and south side. The site is on a contour with an approximately slope of 4m and same is considered in planning.



GROUND FLOOR PLAN

BOTTOM LEFT : *Ground Floor Plan*

RIGHT : *Sections as mentioned in the plan*



The building is divided into commercial and residential as per the use and circulation, but both the buildings is connected with bridge for ease of convenience.

Considering the sun path and wind direction on site the plan is tilted at 30- 60 angles and also to avoid direct glare of sun rays.

In the residential building is planned at a higher level to maintain the privacy. The rooms are arranged in such way that they will get maximum advantage of the view. To give grandness to space the living room has given double heights. The living room is lightened up in the morning by sun rays entering through the glass opening on the east side. The Living has set out which has a magnificent view of the lake

In commercial building, the waiting area is at low level considering the public circulation. The hardscape is provided around the statue of "Dhanvantari " and some information desk. The yoga hall is connected with open terrace garden for relaxation of people.

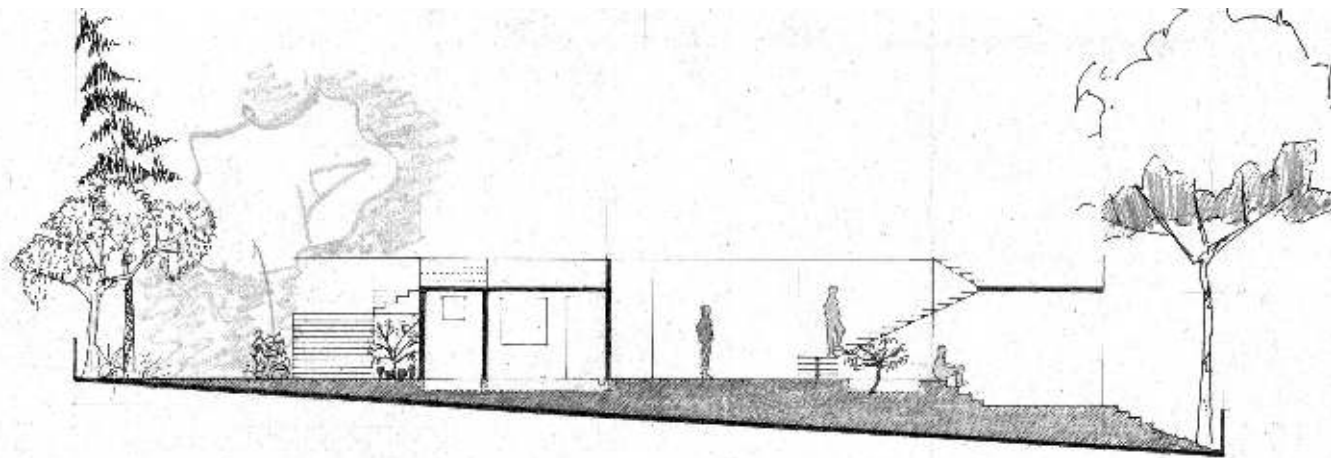
The sloping roof is provided considering heavy rainfall .The locally available material is used for construction.

ARCHITECTS RESIDENCE

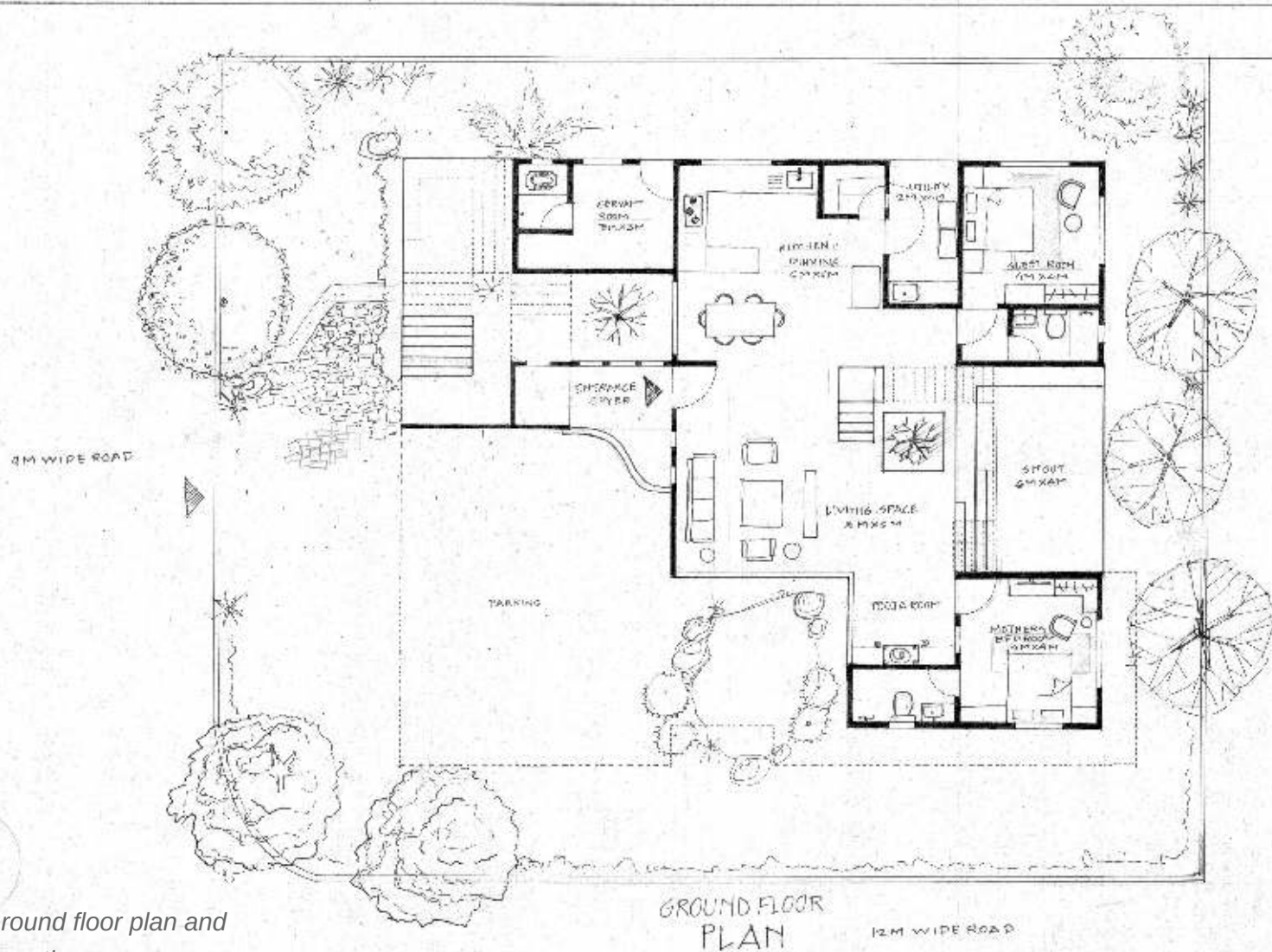


- Omkar Shivekar

S Y BArch



SECTION



GROUND FLOOR PLAN

RIGHT: Ground floor plan and respective section

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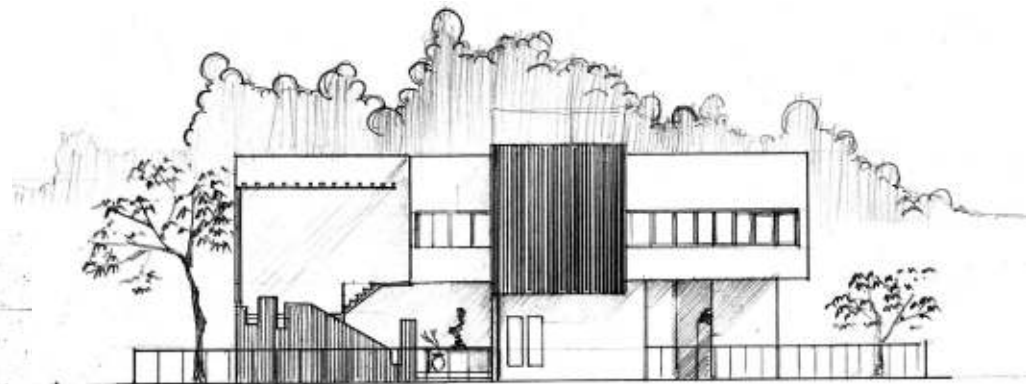
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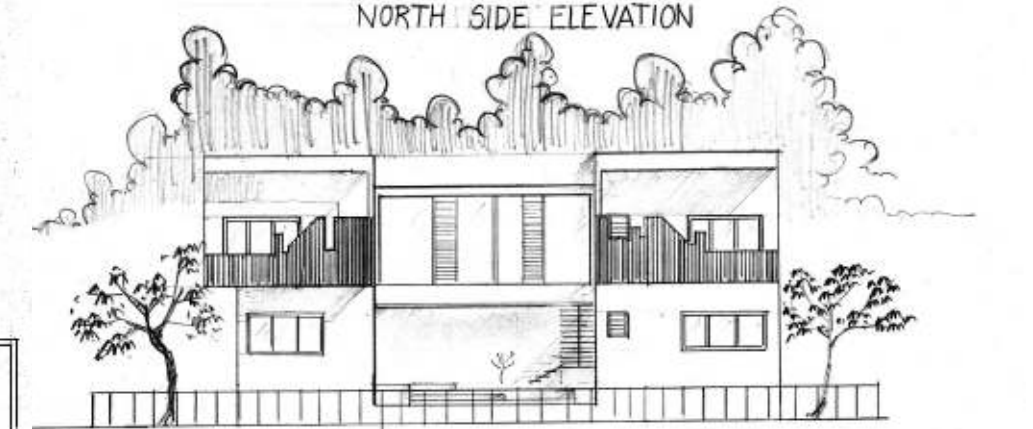
SECTION AT-AA'



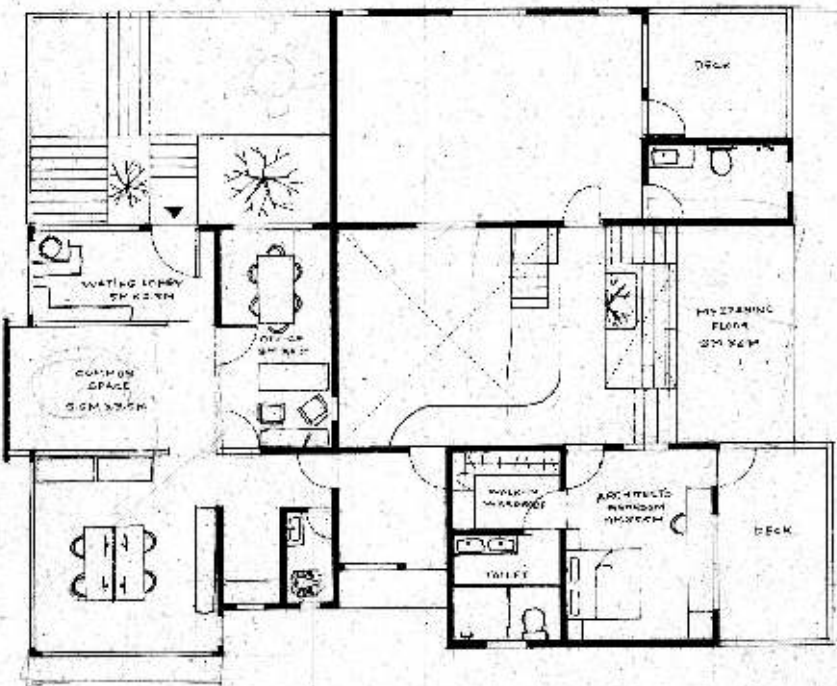
SECTION AT-B.B'



NORTH SIDE ELEVATION



SOUTH SIDE ELEVATION



FIRST FLOOR PLAN WEST SIDE 15M WIDE ROAD

LEFT : First floor plan

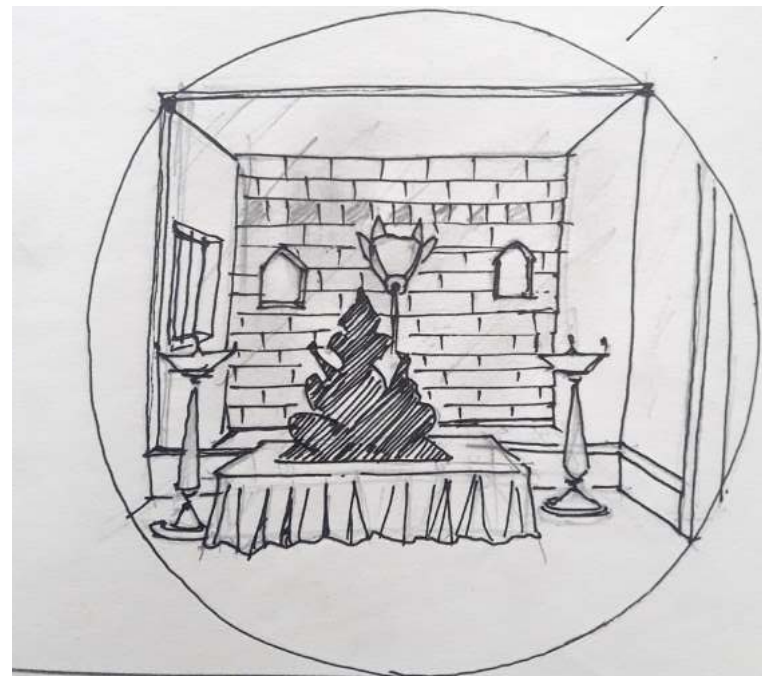
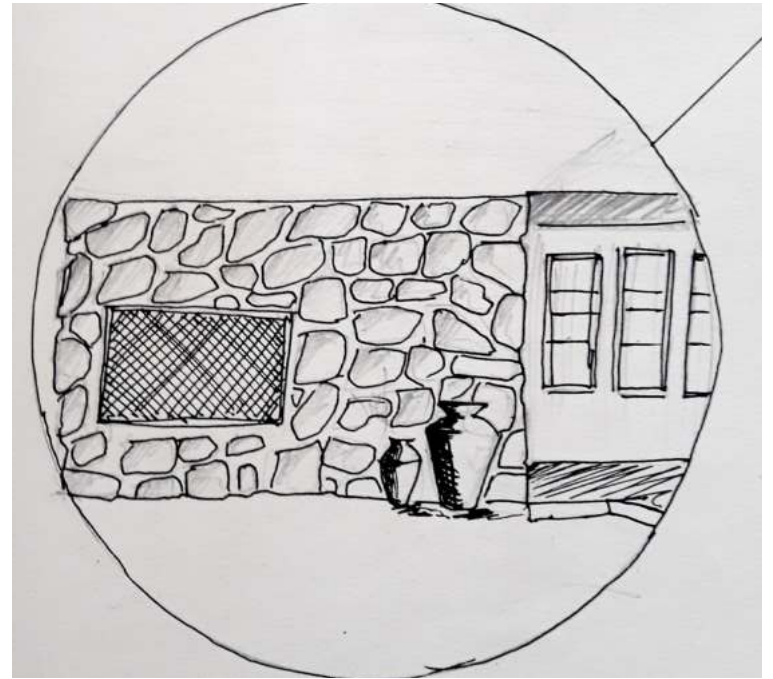
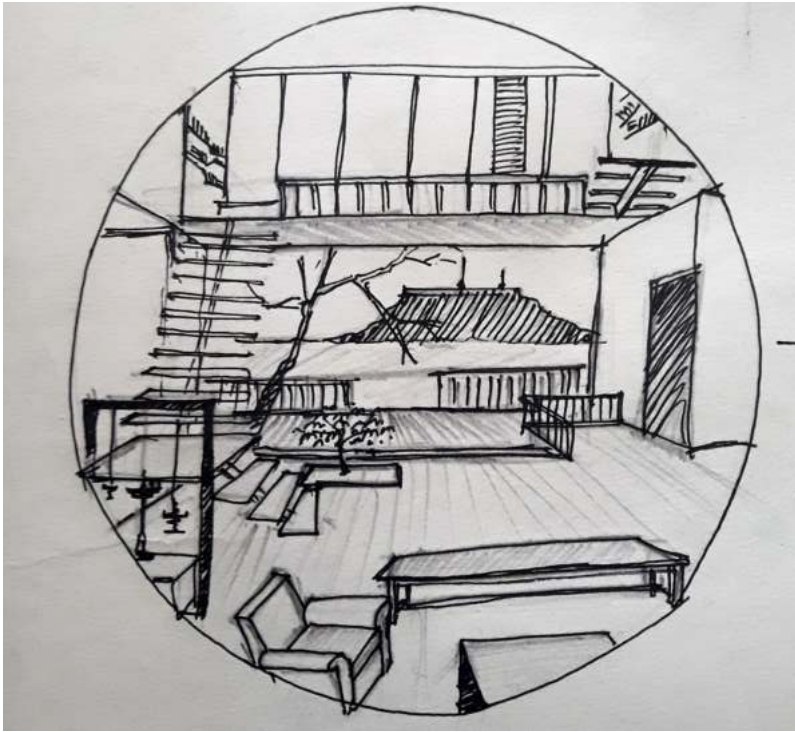
ABOVE: Sections and Elevations

STUDENT ARTICLES

through the glass opening on the east side. The Living has set out which has a magnificent view of the lake

In commercial building, the waiting area is at low level considering the public circulation. The hardscape is provided around the statue of "Dhanvantari" and some information desk. The yoga hall is connected with open terrace garden for relaxation of people.

The sloping roof is provided considering heavy rainfall and locally available material is used for construction.



ABOVE & RIGHT : Conceptual sketches for the Architects residence.

RESIDENCE DESIGN

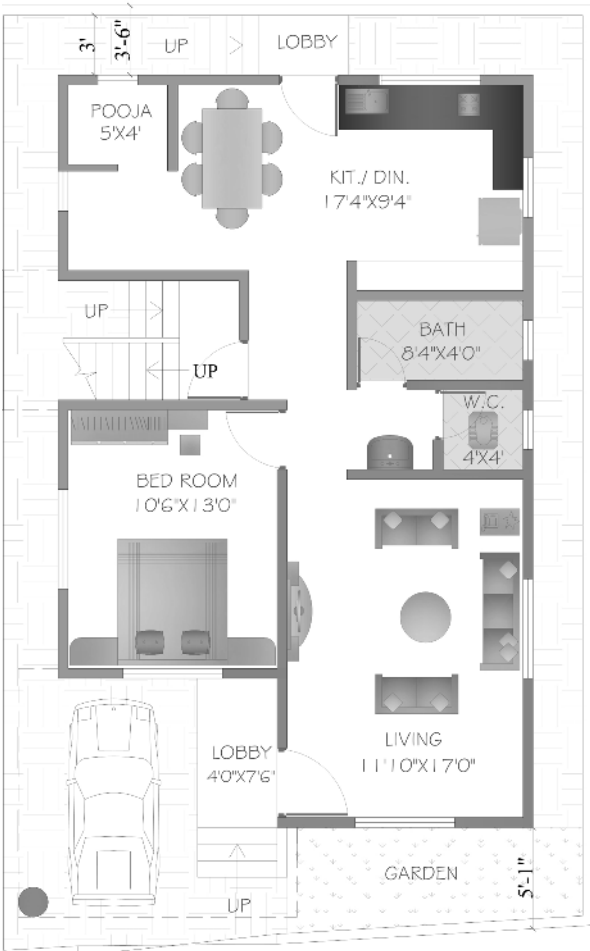


- Abhijit Herkal

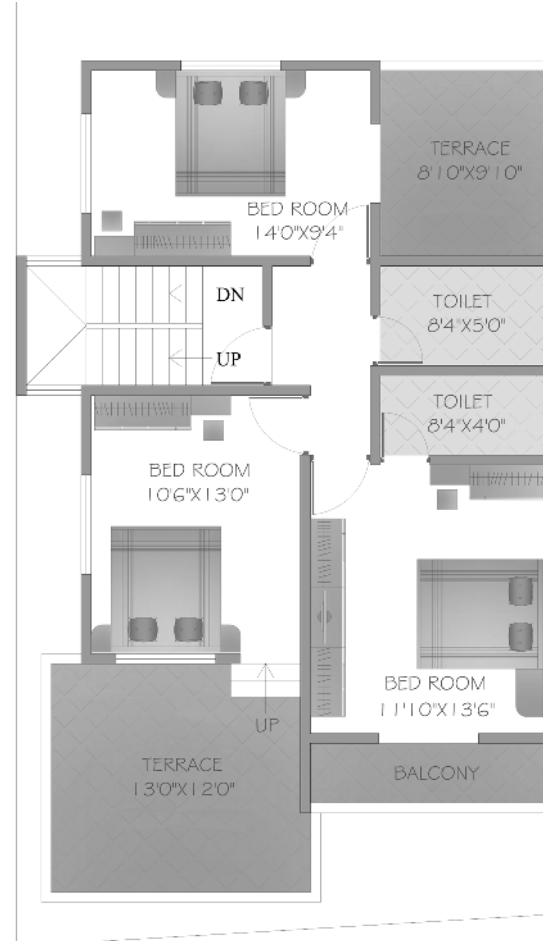
T Y BArch

THIS DESIGN PROJECT played very important role from career point of view. This project made me more confident and developed designing skill. The project was to design to Mr. Pravin Mane. The site is located in Wai taluka near Satara District. The main challenge was to satisfy client, requirement were too many as compared to plot size. Client was very concerned about aesthetic of the building, considering during day and also in night. Considering the same open terraces, punctures, Pergolas use as architectural elements.

After the project was completed client was happy. Client satisfaction and happiness are the two important aspect of practice which I think is achieved through this Project.



GATE ROAD
 GROUND FLOOR PLAN
 SCALE - 1:100



ROAD
 FIRST FLOOR PLAN
 SCALE - 1:100



ABOVE : Exterior View of the residence

LEFT : Ground floor plan & First floor plan of the residence.

COMMERCIAL INTERIORS



- RUSHIKESH KADAM

T Y BArch

THIS PROJECT BEING an interior solution showroom, turned out to be a big experience in my interior practice. It was a challenge designing the showroom, since the commercial interior project was located in heart of the city, Pune.

While designing the showroom, two important aspects were considered, i.e., circulation & zoning. Zones were separated as displays for living, bedroom & kitchen area.

Other than that, ceiling & flooring plays an important role in designing interior. The ceiling was designed w.r.t. the circulation layout. The flooring, wall colors, lighting colors and laminates were used w.r.t. the display and layout. Floor tiles and lighting were selected so as to give proper reflection and complement the display.



RIGHT : *Interior of the showroom*



ABOVE : Exterior photograph of the showroom

RIGHT : Interior of the showroom



MY FRAME OF PERSPECTIVE



– MAYURESH MORE

T Y BArch

BEING PART OF life, the certain things ain't achieved until you make it out of comfort zone. Getting out of comfort zone, life brings enormous situation that needs to be dealt with. When situation hits hard, student needs to be focused whereas they get jumbled.

Today's generation is facing lack of management in studies and other activities. As they make out of comfort zone for the first time after school life, managing daily routine gets difficult. Lack of self-determination and self-confidence act as constraints to achieve desired goals. It's just a matter of time when determination and practical scheduling works.

For that, things should be managed properly. Always train your mind to be calm in every situation and then focus on what have to be achieved. While focusing on our goals, the new mindset is developed which results to deal with any hard situation with a perfection. Thinking from different perspective gives different meaning whereas some other qualities too are developed such as multi-tasking, confidence, leadership, proper management skills, determination, and interest. At last, mind is everything what you think you become with focused mind and self-determination.

MULTIPURPOSE RECREATIONAL CENTRE

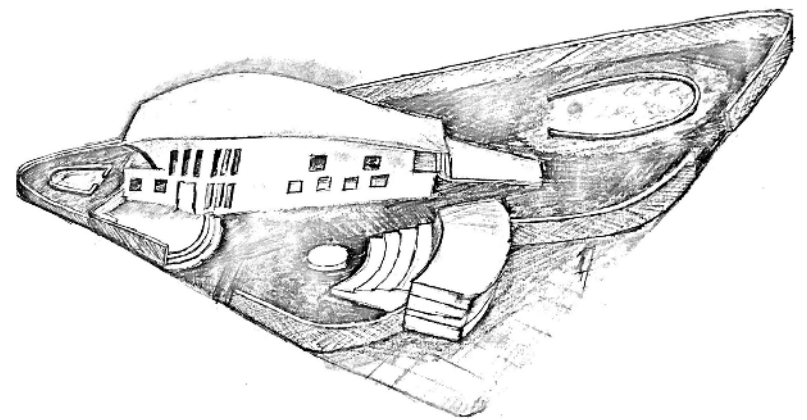


- NAMITA JATANDE

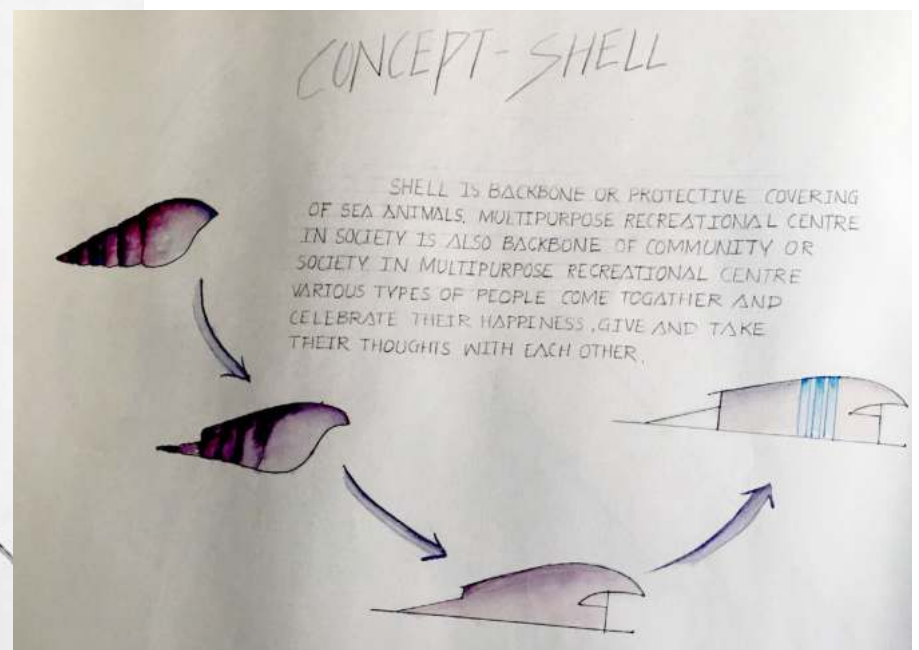
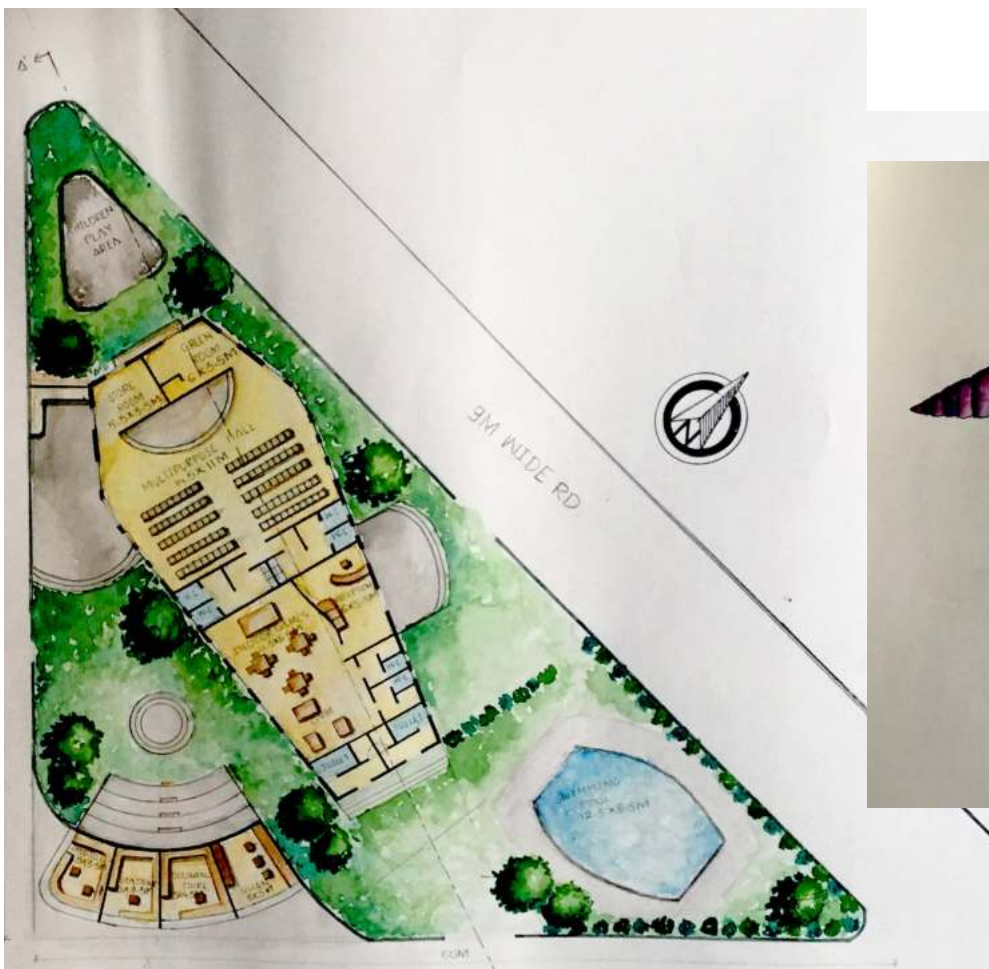
T Y BArch

The site studied for the Multipurpose Recreational Centre being triangular in shape, had 60m of stretch on its East and West side. The concept behind the project was SHELL, considering that multipurpose recreational centre acts as the backbone of the society representing unity, same as the shell acts as protective layer to the sea animals.

The shape of the shell is seen in the plan and elevation of the structure. The shape separates the public and semi-public areas on ground floor plan and private space on first floor. Main entrance of Recreational Centre is from West side, which opens out to public spaces i.e. Multipurpose Hall and Amphitheatre. South side has four shops consisting 9m of frontage, each. The alternate entrance is from north side, opening out to semi-public spaces i.e. swimming pool, gym and indoor games; whereas private spaces are placed on first floor, i.e. society office and guest room.



3D VIEW



NATUROPATHY CENTRE

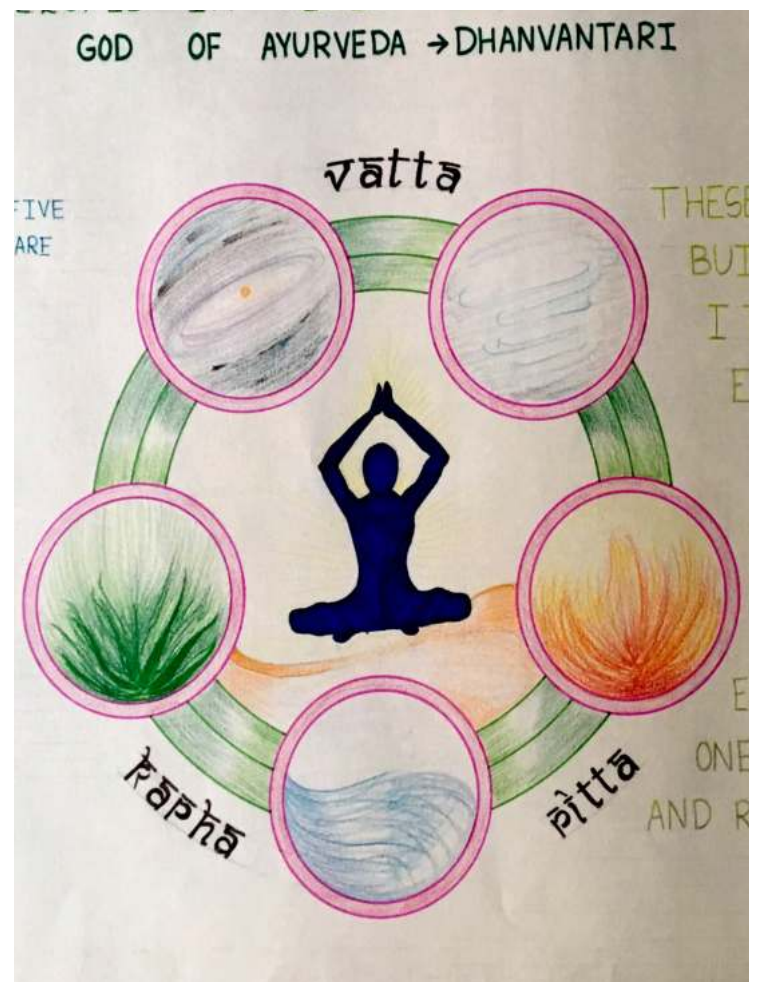
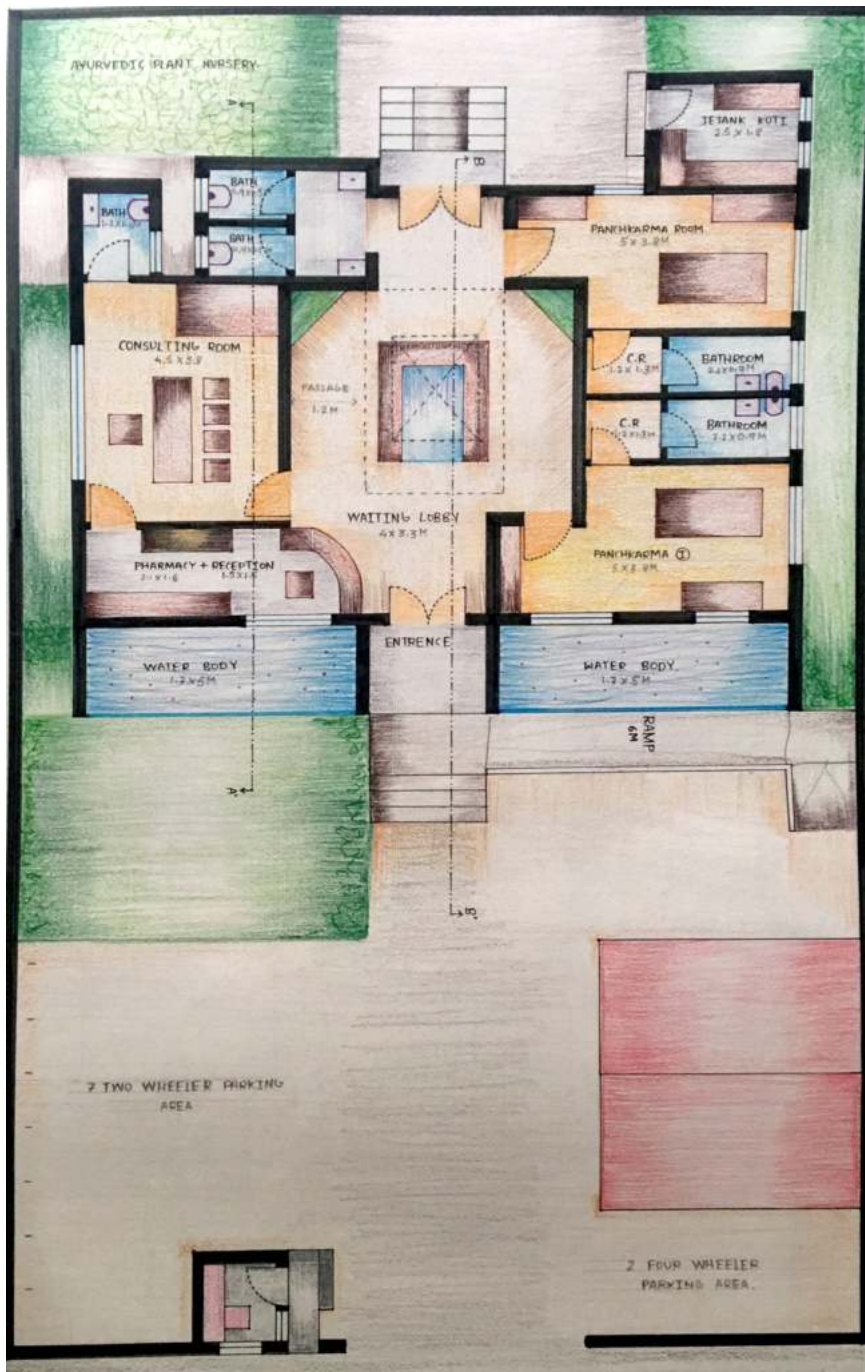
- AARTI KOKARE

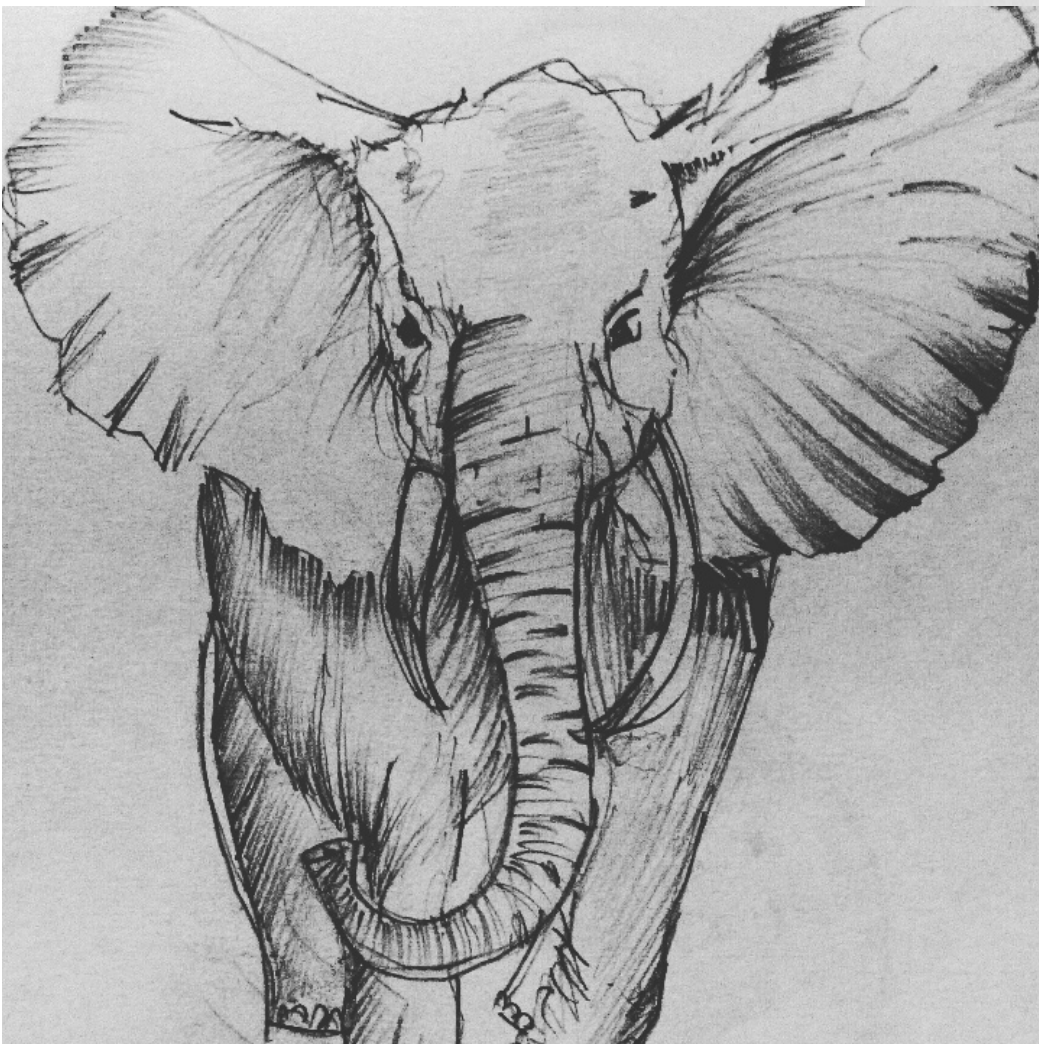
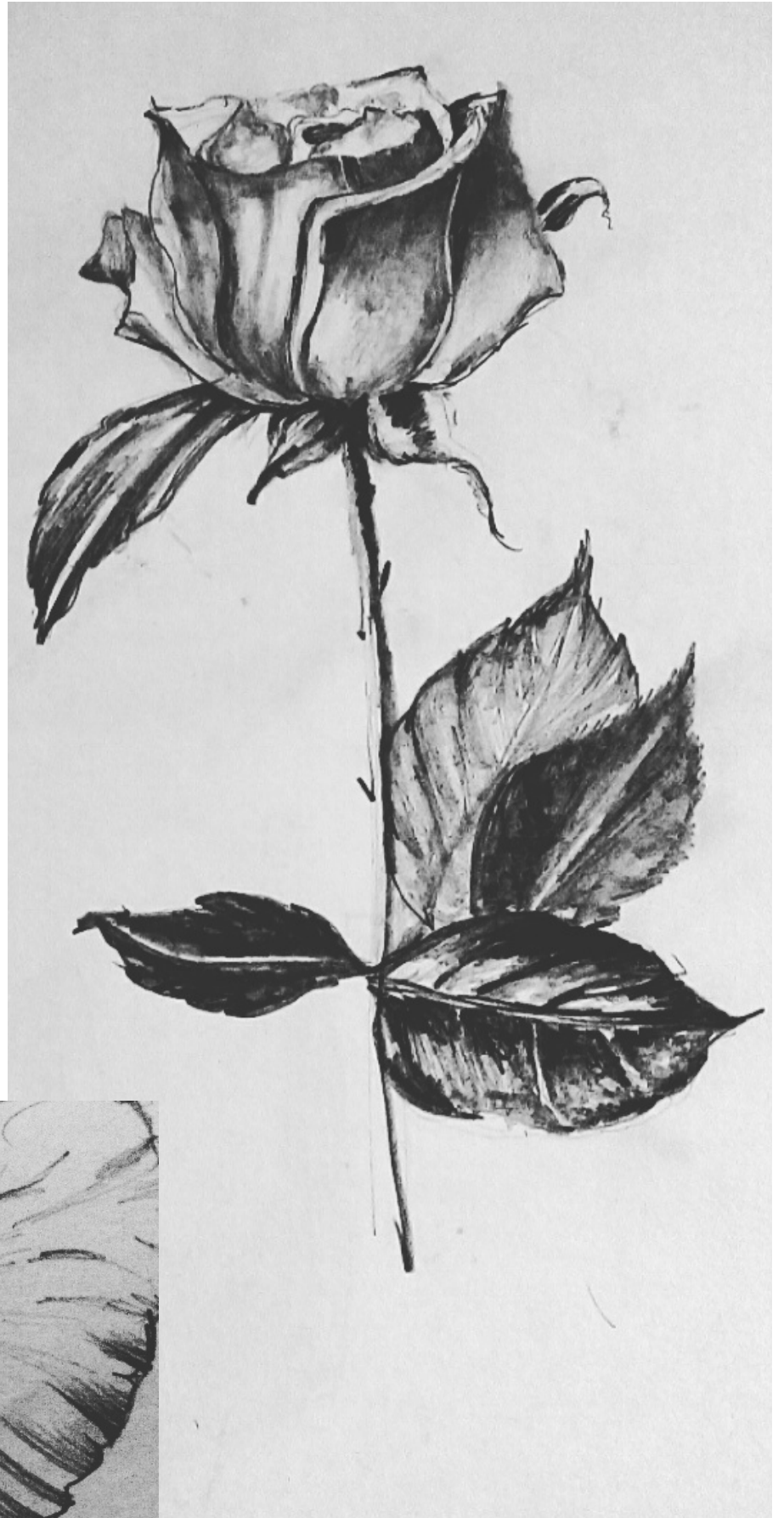
S Y BArch



THE INTENT OF this project i.e. Naturopathy Center (Ayurvedic Clinic), was to keep all information direct and cohesive. One of the primary goal is to create meaningful connections between Ideas, Concept, Sketches, Plan, Sections, Elevations and Case study report. The concept of this project was taken from the principles of Panchmahabhuta, which includes 5 elements (Prithvi, Jal, Vau, Agni, Aakash). If this 5 elements are present in proportion, it keeps our life healthy. These elements are the basic building blocks of the plan.

The site is surrounded by a lot of trees. There is one river on north side and 12m wide road on east side. While entering the site, there is security office on left side and parking place on right side. By engaging the 5 blocks in each other, a chain of 5 elements is created with the help of - Water bodies, Courtyards, Building environment, some ancient elements like Jetank kuti. The project intends to relax people and take care of the indoor environment.



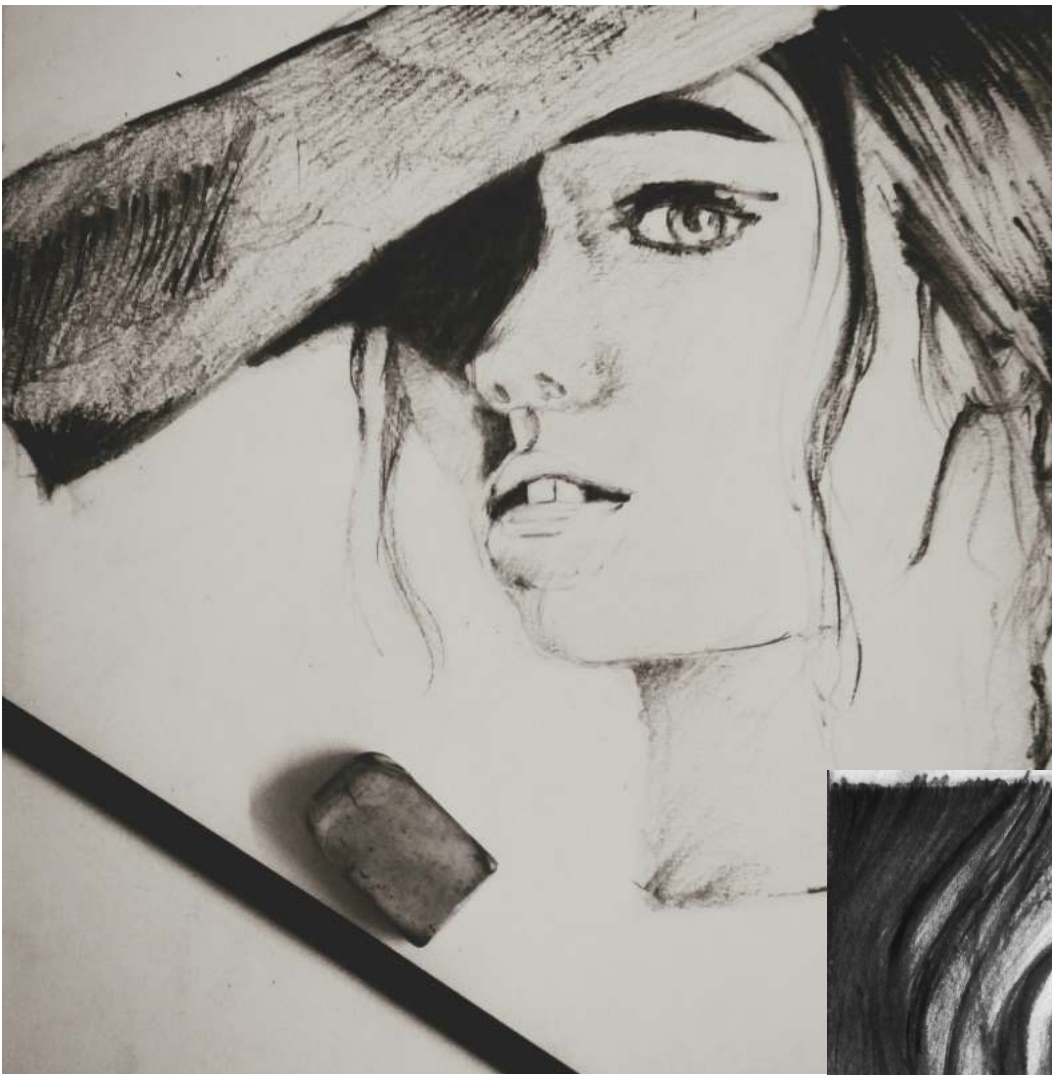


TOP LEFT :

Portrait Sketch by Sangeeta Poojari from T Y BArch

ABOVE & LEFT:

Sketch by Yukta Shrivastav from F Y BArch



TOP RIGHT:

Sketch by Prathamesh Bankar from FY B.Arch

TOP LEFT & ABOVE : Potrait sketches by Yukta Shrivastav from F Y B.Arch

LEFT: Potrait sketch in pencil by System Administrator, Mr. Somnath Kumbhar.

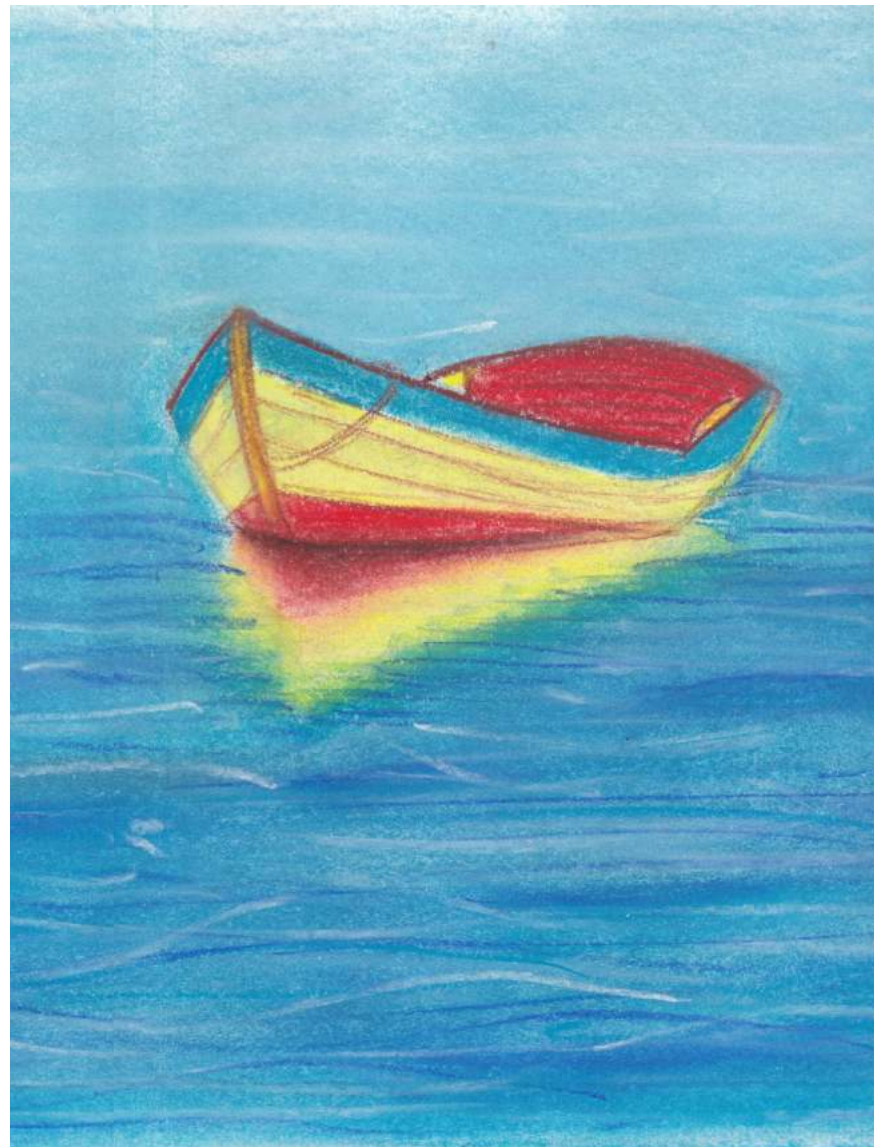


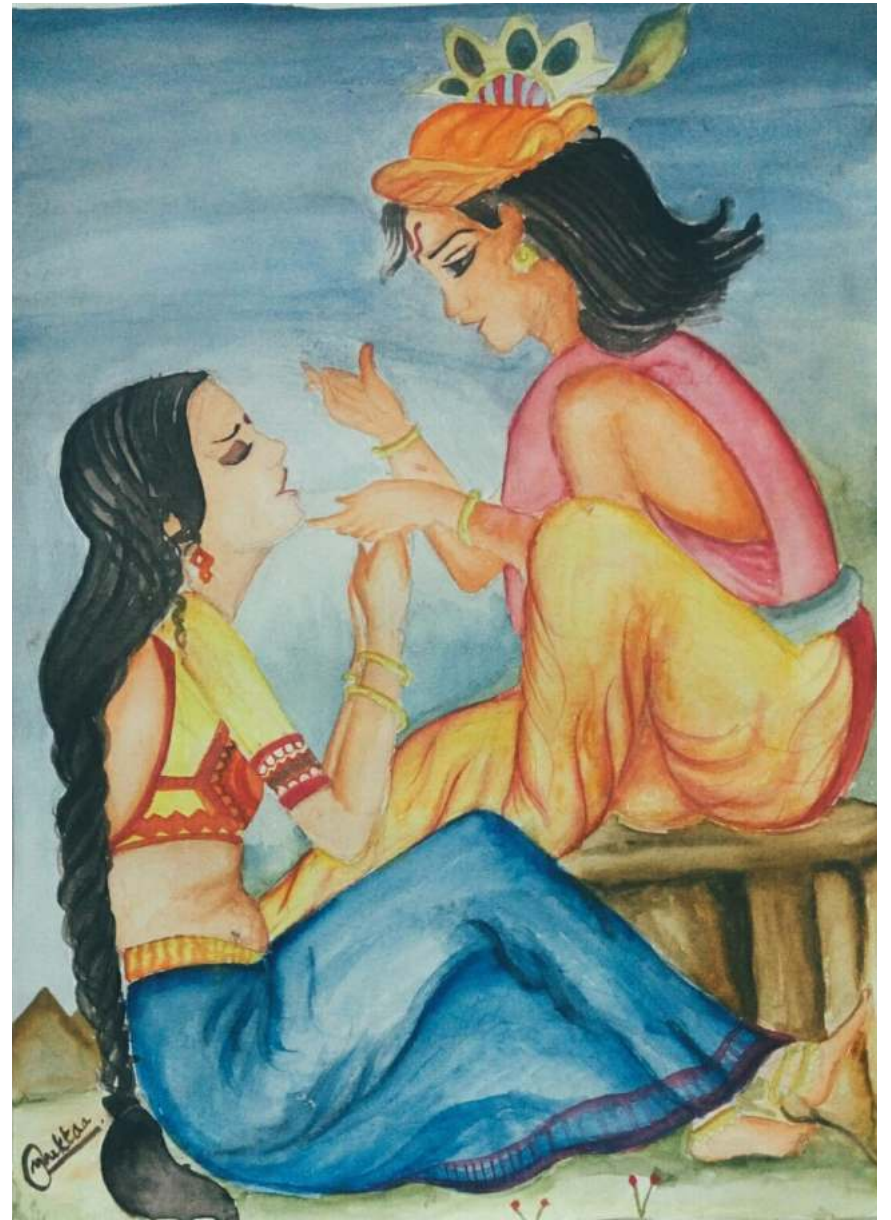
TOP LEFT: *Painting by Aarti Kokare from S Y BArch*

TOP RIGHT: *Painting by Yukta Shrivastav from F Y BArch*

RIGHT: *Painting by Sangeeta Poojari from T Y BArch*

BOTTOM: *Painting by Aarti Kokare from S Y BArch*





TOP LEFT: *Painting by Aarti Kokare from S Y BArch*

TOP RIGHT: *Painting by Yukta Shrivastav from F Y BArch*

RIGHT: *Painting by Aarti Kokare from S Y BArch*



roonies photoshoot roonies photoshoot roonies photoshoot



LEFT :

Temple Shikhara captured by Ronit Pawar from T Y BArch

BELOW:

Menawali Ghat Photographed by Rushikesh Kadam from T Y BArch

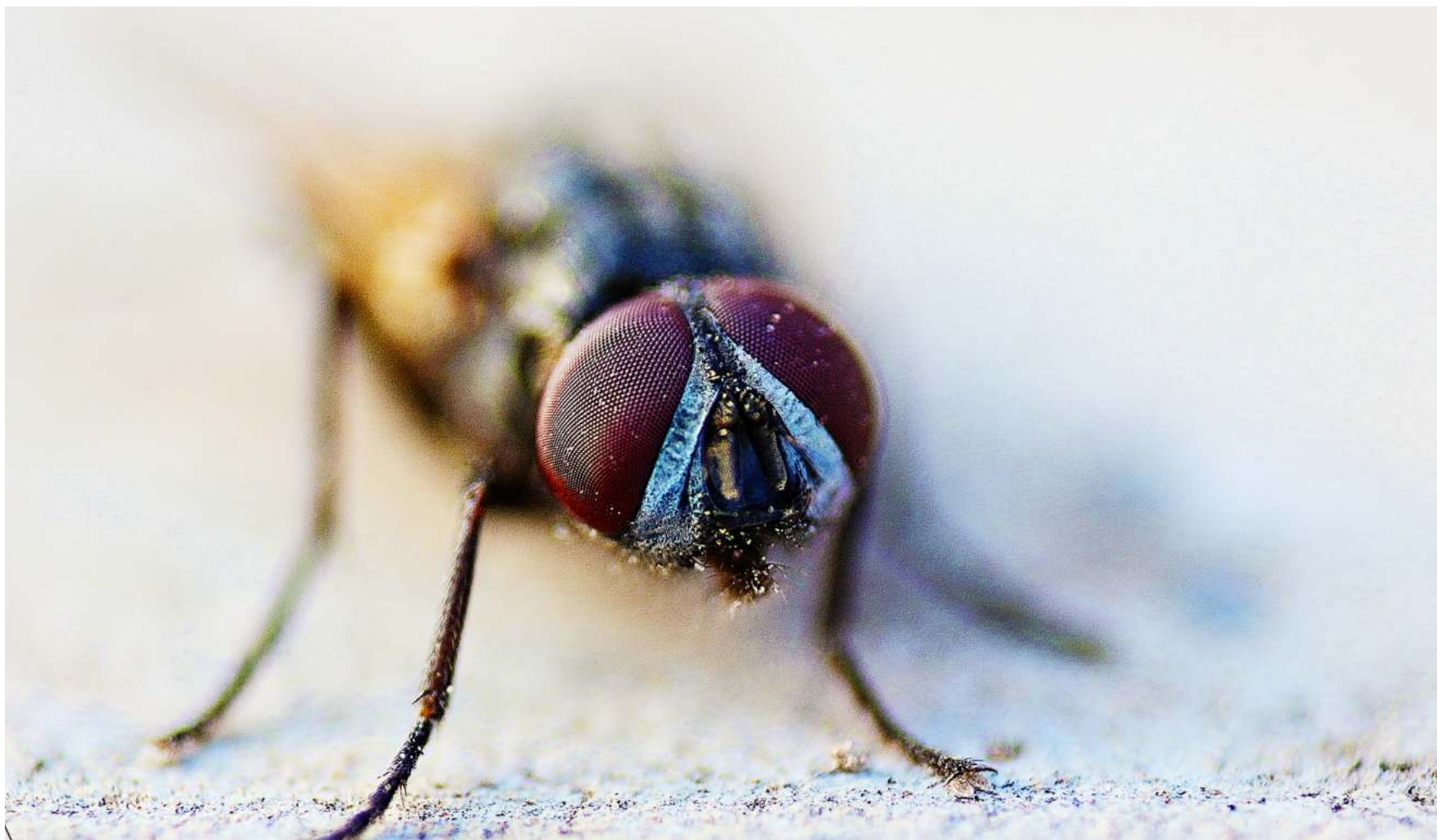
RIGHT:

Insect Photographed by Ronit Pawar from T Y BArch

RIGHT BOTTOM:

Insect Photographed by Ronit Pawar from T Y BArch





आठवणी

दुःखी असताना झालेला आनंदाचा भास

असतात आठवणी

गाण्याची चाहूल लागताच, ओठांवर आलेले शब्द

असतात आठवणी

मनातून फुटलेले प्रेमळ शब्द

असतात आठवणी

मायेच्या ओलाव्याची जाणीव करून देणा-या

असतात आठवणी

भूतकाळाला जोडलेली सुंदर झालर

असतात आठवणी

जीवनातील भावनांचा अर्थ सांगणा-या

असतात आठवणी

गोड सुखाची चाहूल

असतात आठवणी

कळत नकळत सगळं सांगून जाणा-या

असतात आठवणी

होती ती एक

स्वतःतच गुंतणारी,

स्वतःशी बोलणारी

मनातल्या मनात हसणारी

होती ती एक...

न बोलता सर्व समजणारी

सर्वांच ऐकणारी

होती ती एक...

वाट बघणारी, थांबणारी

आणि हे कुणालाही न समजू देणारी

होती ती एक...

एकांतात रडणारी,

स्वतःला समजावणारी,

सर्वासमोर हसणारी.

होती ती एक...

स्वतःच स्वतःला खुश ठेवणारी,

कुणाकडूनही काही अपेक्षा न ठेवणारी.

होती ती एक...

विचारांच्या दुनियेत एकटीच रमणारी,

कुणी सोबत मिळेल का शोधणारी,

होती ती एक

हाकेला साथ देणारी,

तिच्या हाकेला कुणी येईल का हे बघणारी,

नाही यायचं कुणी! स्वतःलाच समजवणारी.

होती ती एक...

सर्व भावना जपणारी,

या निर्माण का झाल्यात, न सांगणारी,

- Sheetal Jadhav, S Y BArch.

स्वतःतच रमणारी.

होती ती एक

स्वतःच स्वतःला सांभाळणारी,
स्वतःलाच समाधानी करणारी,
शेवटी सर्वांचे आभार मानणारी,
होती ती एक!

- Priyanka Gade, S Y BArch.

विचारांच्या दुनियेत,
प्रत्येक परिस्थितीत तुला ठेवून बघायचे,
देशील का तू साथ मला?
हा विचार करायचे.

विचारांच्या दुनियेत,
विचार करून स्वतःला बंधनात अडकवायचे,
इच्छा नसताना गोष्टी करायचे, वेळेला वेळ जावून घायचे.

विचारांच्या दुनियेत,
हव्या असलेल्या गोष्टींचा मनात विचार करायचे,
स्वप्न बघून त्यातच रमायचे,
पण,

गोष्टी विचारांपर्यंतच मर्यादित ठेवायचे.

विचारांच्या दुनियेत, फक्त विचारच असायचे,
त्यात सुख असायचे,
आणि दुःख देखील असायचे,
आणि असायचा तो अबोला स्वतःशीच!

विचारांच्या दुनियेत,
का नाही येत विचार धाडस करण्याचा,
स्वतःचे निर्णय घेण्याचा,
घेतलेले निर्णय पूर्ण करण्याचा?

विचारांच्या दुनियेत,
शेवटी विचारच राहतात,
आयुष्य संपून जातं,
आणि आठवणी राहतात,
राहून गेलेल्या गोष्टी करव्याशा वाटतात.

- Priyanka Gade, S Y BArch.

MALKAPUR

NAGARPANCHAYAT



Building design which is completely based on solar passive climate responsive architecture

Ar. Sujata & Suhas Talekar



THE COMPETITION was called by the Malakapur Nagarpanchayat to create Iconic Administrative Building. This project is going to add a Monumental effect in Malakapur town. So, we tried to develop a circular building still with rectangular work spaces. The Design relies on natural ventilation and cooling, being facilitated by courtyard / atriums and three Domes placed centrally and above staircases. The circular ring is fortified by columns to give historic look which adds to the Iconic feel. Administrative Building is founded as a space for Reflection, and Reconciliation as well as an Enlightening public facility.

Nagarpanchayat helps the settlement in transition from rural to urban. This Administrative Building serves and brings together the citizens for obtaining civic facilities under one roof. Also it provides common gathering place for Ruling Party and Opposition Party which determines the Future Development of Nagarpanchayat.

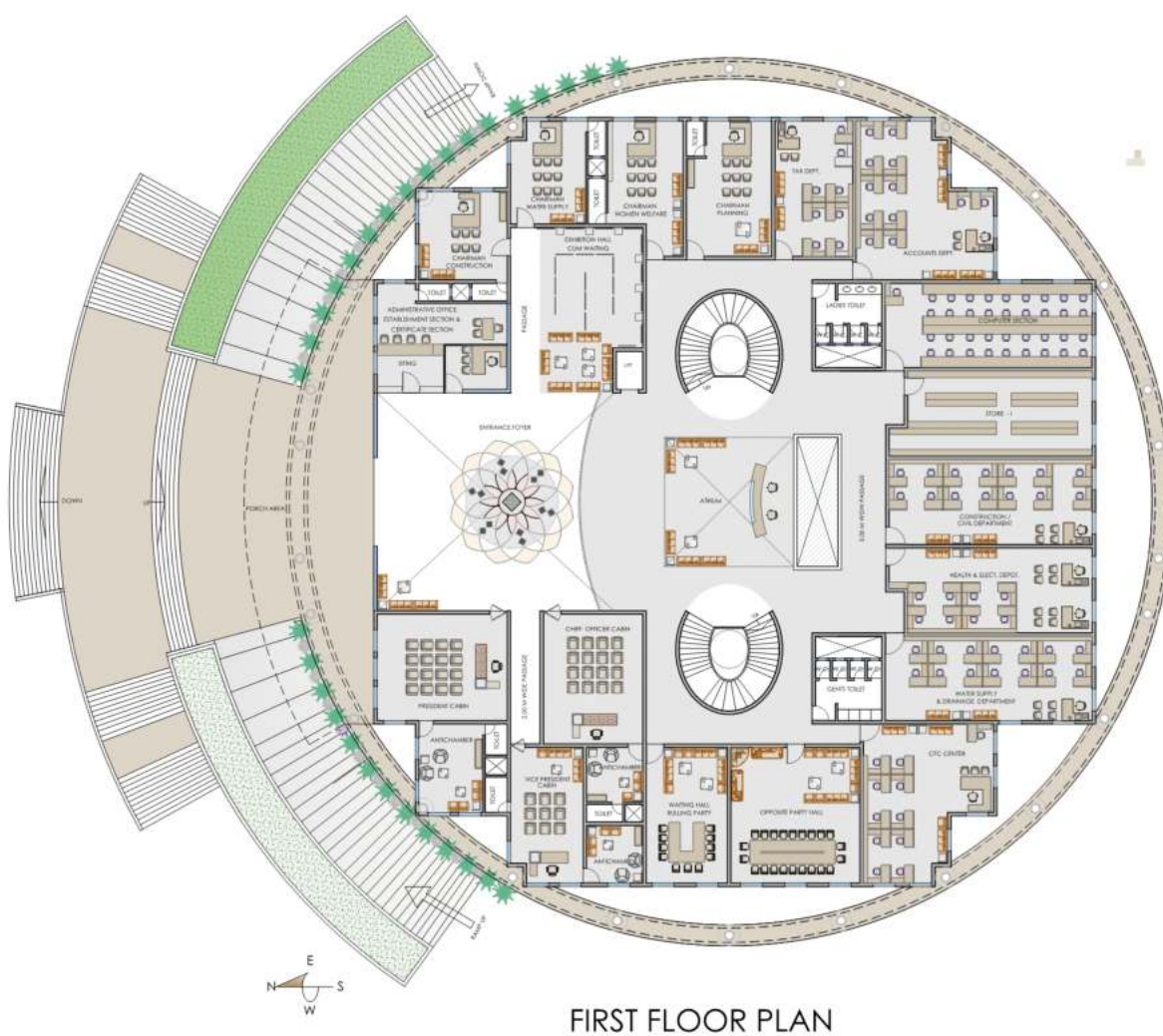
With an overall Footprint of 60M Diameter at the base same at the Roof level the structure is of Two Storeys

with additional Parking floor. The design is organised by connecting the different Departments, Officers' Chamber, Staff, Visitors, Ruling/ Opposition Party Area within a Singular whole. Semi-public areas like Meeting Halls, Guest Rooms are spaced at top floor.

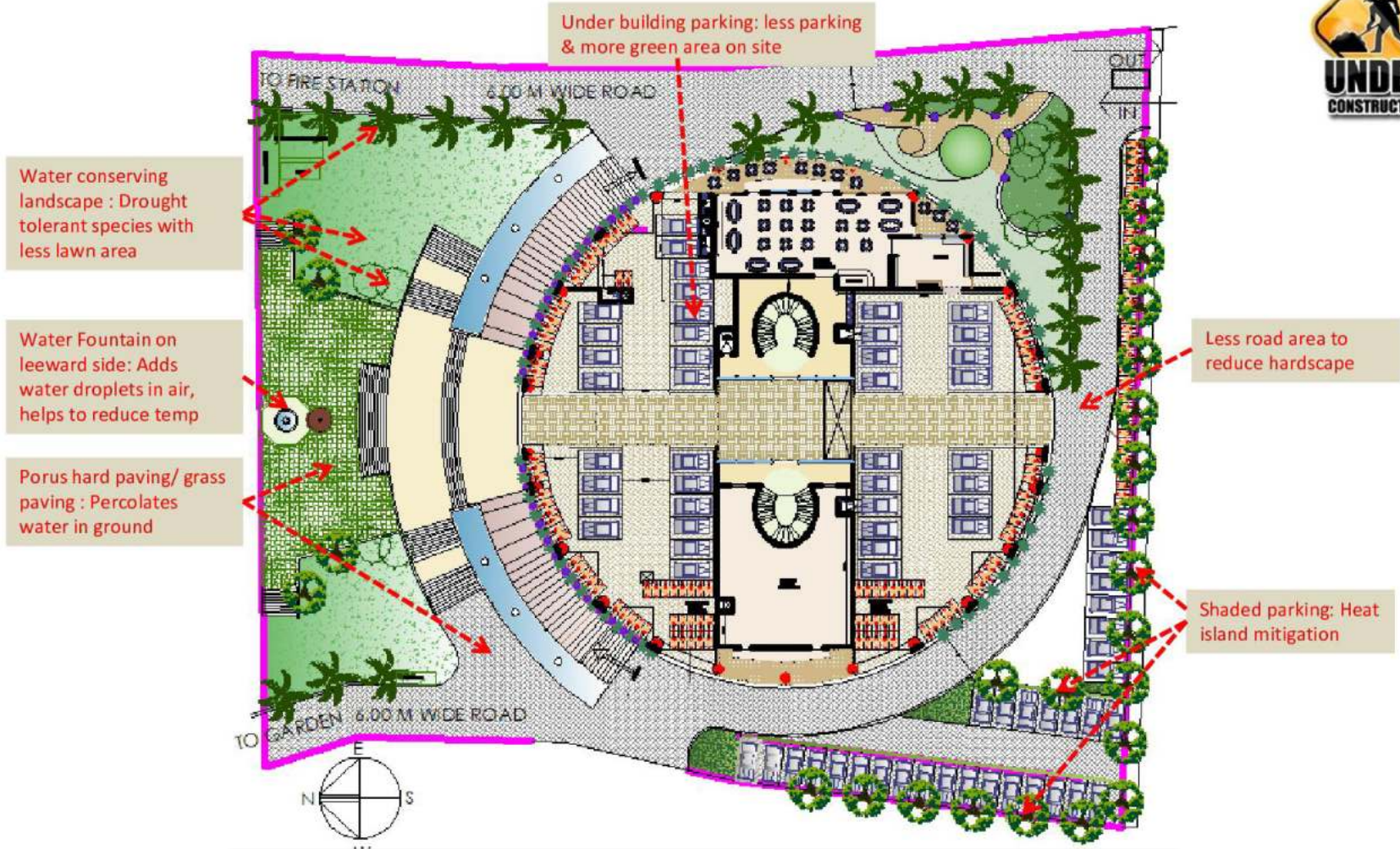
The building design is completely based on solar passive climate responsive architecture. All the areas are naturally lit and ventilated with optimized shading verandas designed to control glare and heat gain. Solar photo-voltaic renewable energy plant at the roof is suggested to cater energy requirement. Efficient water fixtures also have been suggested resulting in 50% water conservation. Treated waste water from STP has been utilized for landscape irrigation. Considering all safety measures and green construction techniques; Building will be executed efficiently.

LEFT : Exterior view of the proposed design for Malkapur Nagarpanchayat

BOTTOM : First floor plan of the building which forms the main access to the structure.

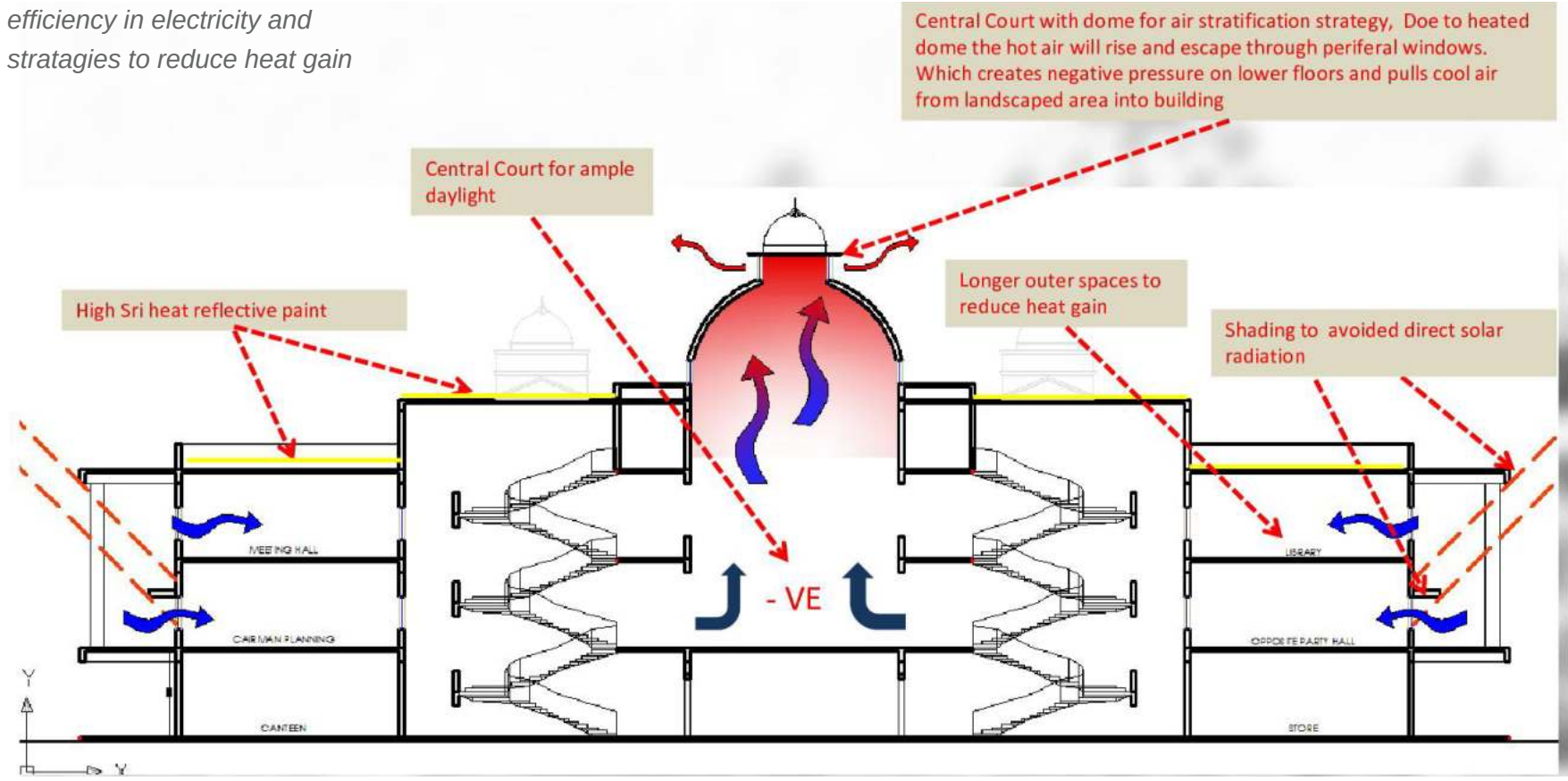


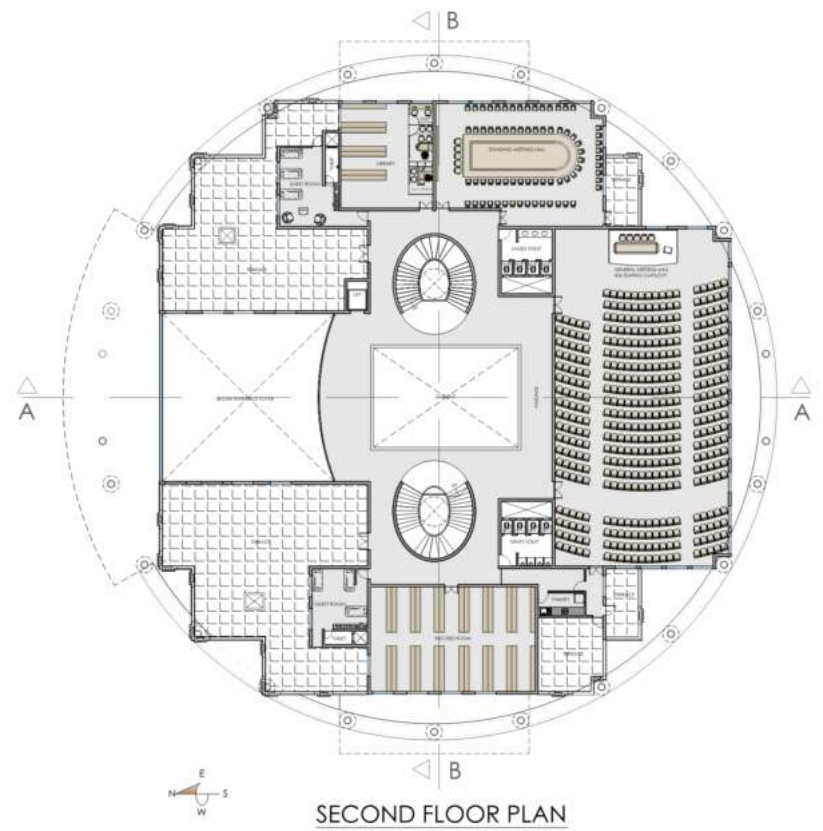
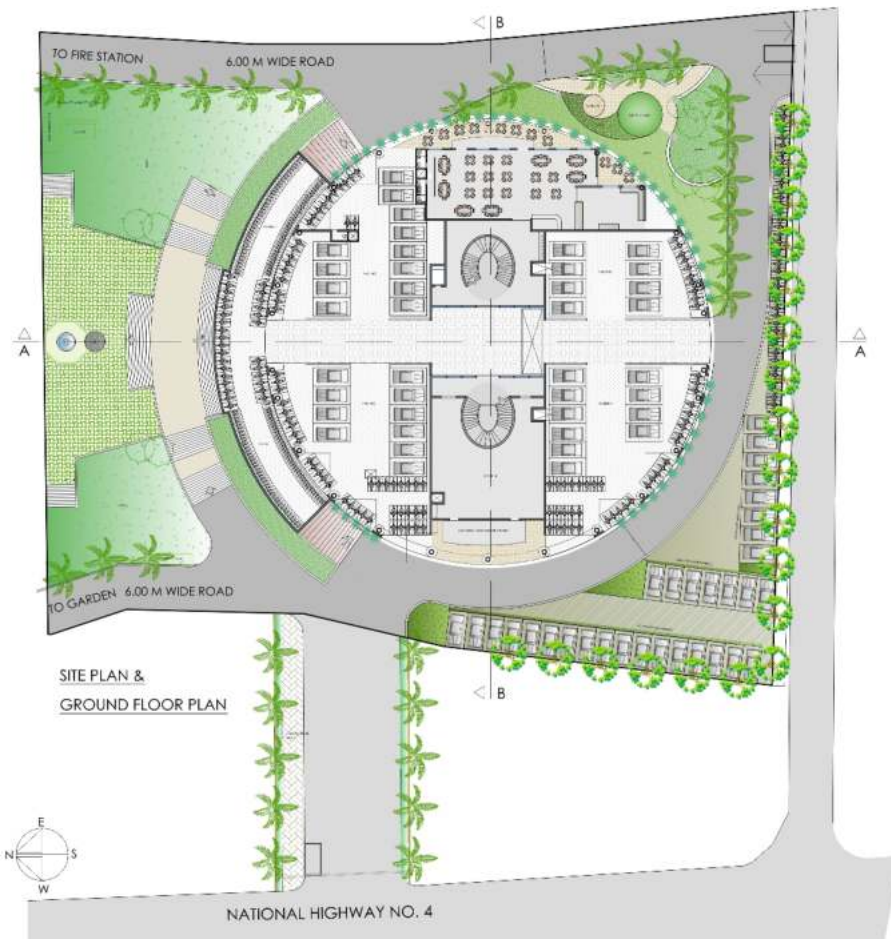
FIRST FLOOR PLAN



ABOVE : Site plan explaining green measures designed

BOTTOM : Section Explaining efficiency in electricity and strategies to reduce heat gain





ABOVE LEFT : Site plan

ABOVE RIGHT : Second floor plan.

BELOW: East Side Elevation

BOTTOM: North Side Elevation



EAST SIDE ELEVATION



NORTH SIDE ELEVATION

HOSPITAL & RESIDENCE

A low budget residence design which led to design decisions to make spaces multifunctional according to the lifestyle of the client.

Ar. Sujata Talekar



BOTTOM: Exterior view of the house

TOP RIGHT: View of Intensive Care Unit

MIDDLE RIGHT: View of the entrance lobby

BOTTOM RIGHT : Doctors cabin and the reading area view

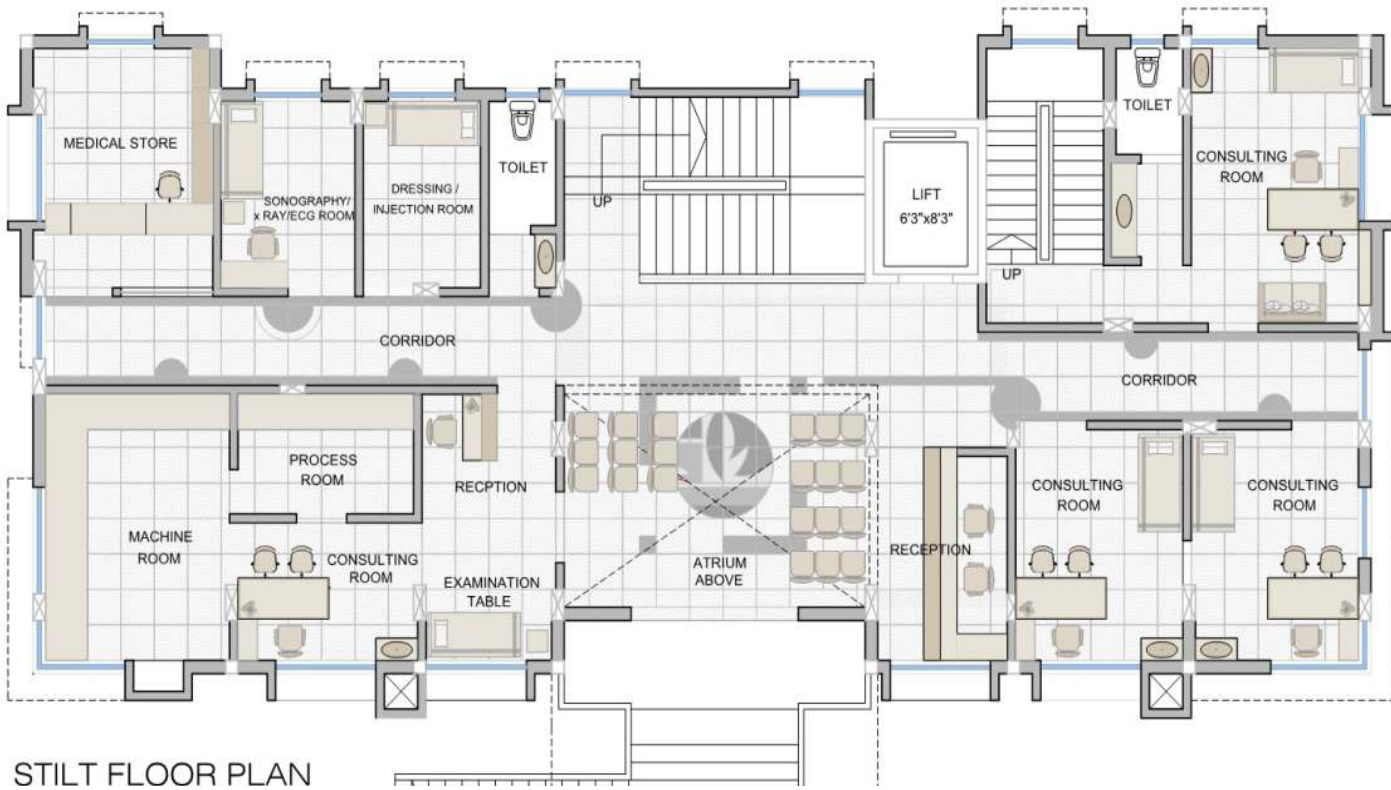


THE CHALLENGE WAS to create a Hospital cum Residence for a young couple Dr. Sanjay More (MD Medicine) & Dr. Smita More (MD Pathology) at Koregaon on a Plot area of 600.00 sqm. Requirements of the Hospital were various different activities as OPD, Diagnostic Unit, ICU, Operation Theatre, IPD etc. and Residence with 4 Bedroom house at top floor. Total construction area is @ 1100.00 sq. m. Our focus was to design a building for them Functionally suitable with Low maintenance cost of various services. Zoning and Circulation according to floors is done as Parking & Medical shop at Road level, OPD & Pathology unit at Stilt level, ICU & 10 Beds IPD at first floor & OT + Labor room with 12 Beds IPD at second floor with separate staircases for Residence and Hospital, lift & passages etc.

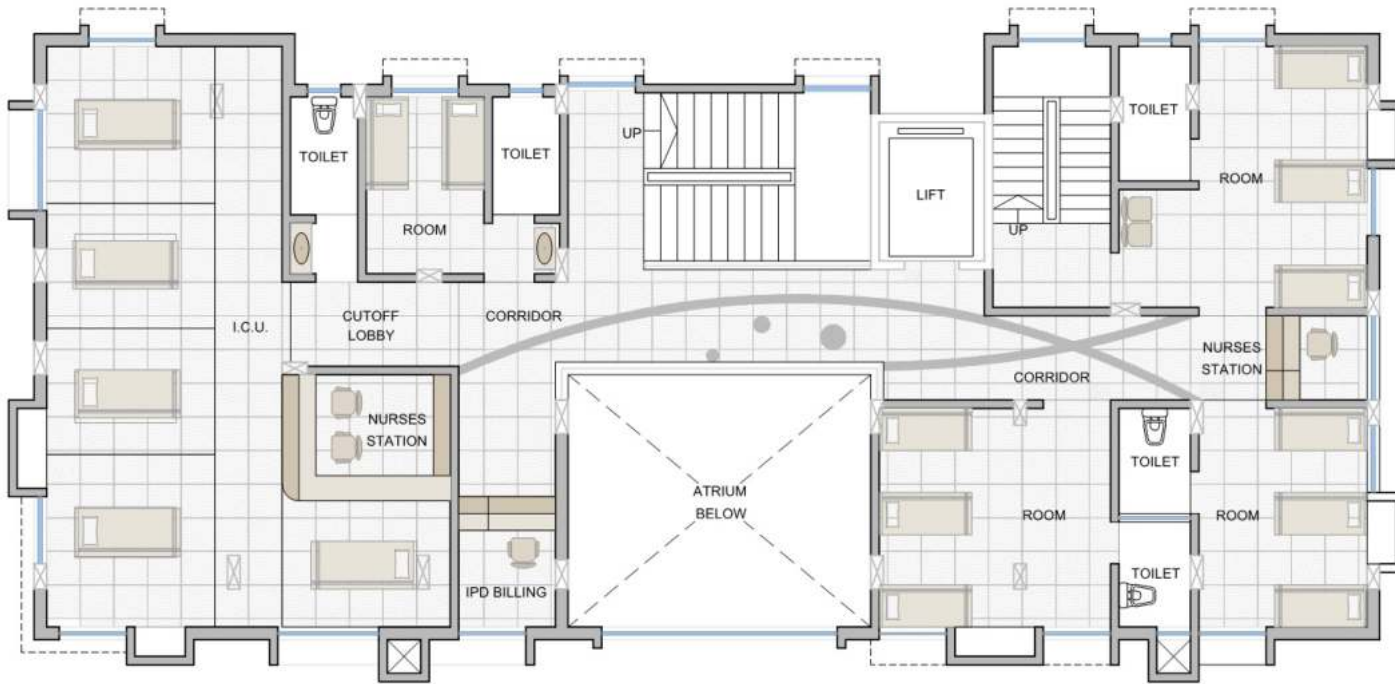
Atrium of three floors height acts as an entrance foyer which is a focal point of the building ; proposed to have a control from reception at stilt floor to each upper floors as well as to have a communication with all floors . Front glazed façade with ample light gives an ambiance and corporate look .

The residence is separated from hospital activity by two separate staircases & lift with two opposite doors, one which opens on top floor for residence to maintain a privacy of residence & avoid patients entry directly. Hospital staircase & atrium end at second floor. The residence has a living, dining & kitchen with road view and master bedroom & children bedroom in windward direction with privacy. Landscaped common terrace at northeast corner is a better relaxing place in morning as well as in evening. All the furniture at residence were designed to suit functionally & simple. Modular kitchen concept adopted with fresh color combination. Light from east enters the kitchen and gives a refreshing treat to the family at their dining table. The interior of the hospital is worked out on simple theme , linear pattern. Light effects and flooring patterns give direction to movements in passages & lobbies. All doctors' consulting rooms designed with minimal necessary furniture enhancing the simplicity. The Dhanwantari statue at entrance foyer along with circular floor pattern brings sanctity and elegance to the space.





STILT FLOOR PLAN



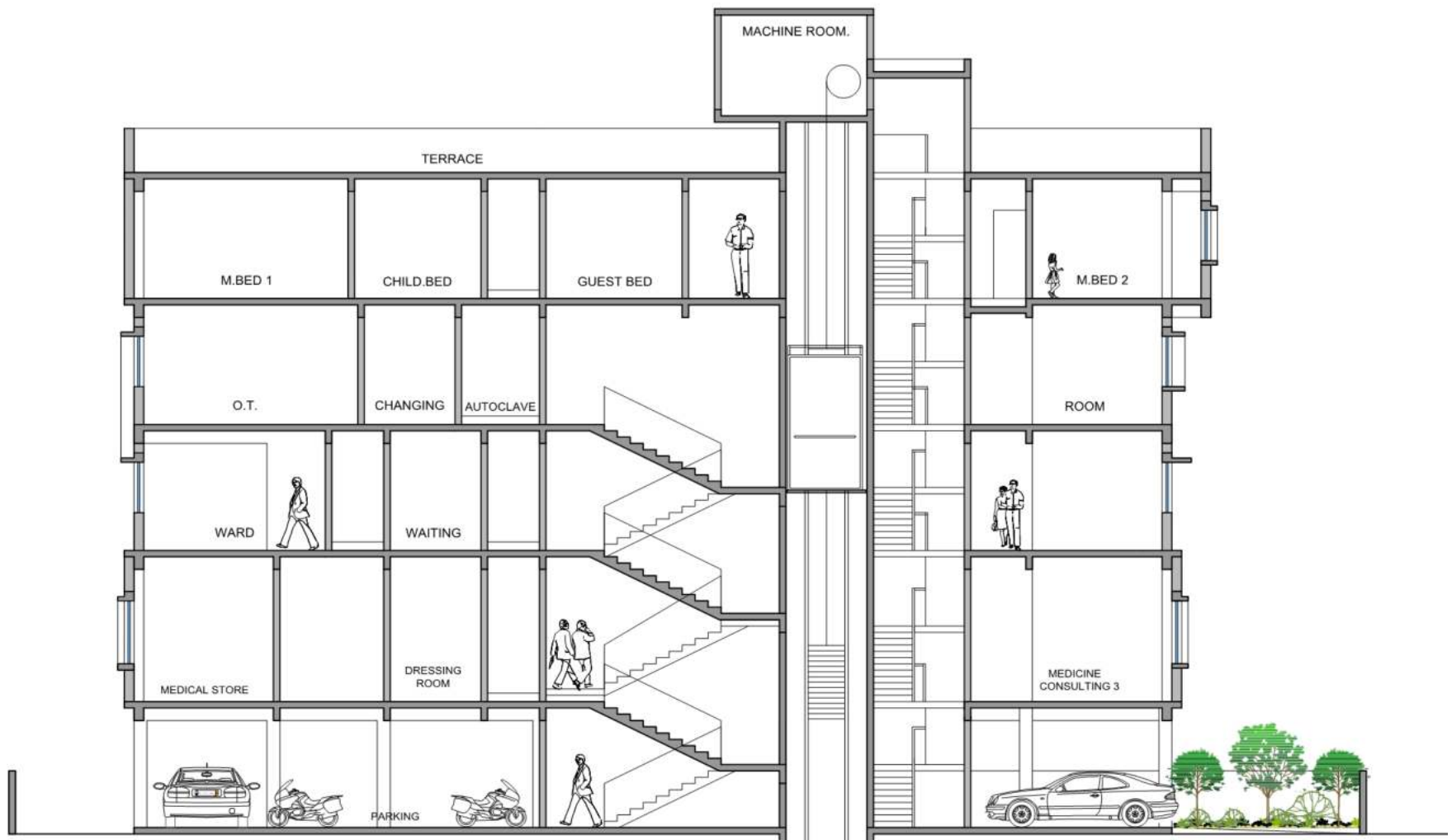
FIRST FLOOR PLAN



THIRD FLOOR PLAN



PARKING FLOOR PLAN



RESIDENCE DESIGN



A modern and vernacular house designed for a client who desired a house with 5 beds and multiple living areas to experience various activities at different times of a day.

- Ar. Shree Mahajani



THE SITE is located in the midst of thick urban fabric with houses lined up close to each other, which demand privacy yet should stand out in its own style. The client didn't wanted to show their identity by their house.

The structure is designed in straight lines which gives simplified and vernacular touch to the house. Spaces are contemporary but the feel is regional. The house

has north south orientation therefore south side provided with dead walls, cavity walls and all the private or landscaped areas are provided at the north side to protect it from harsh south light which also gives maximum privacy.

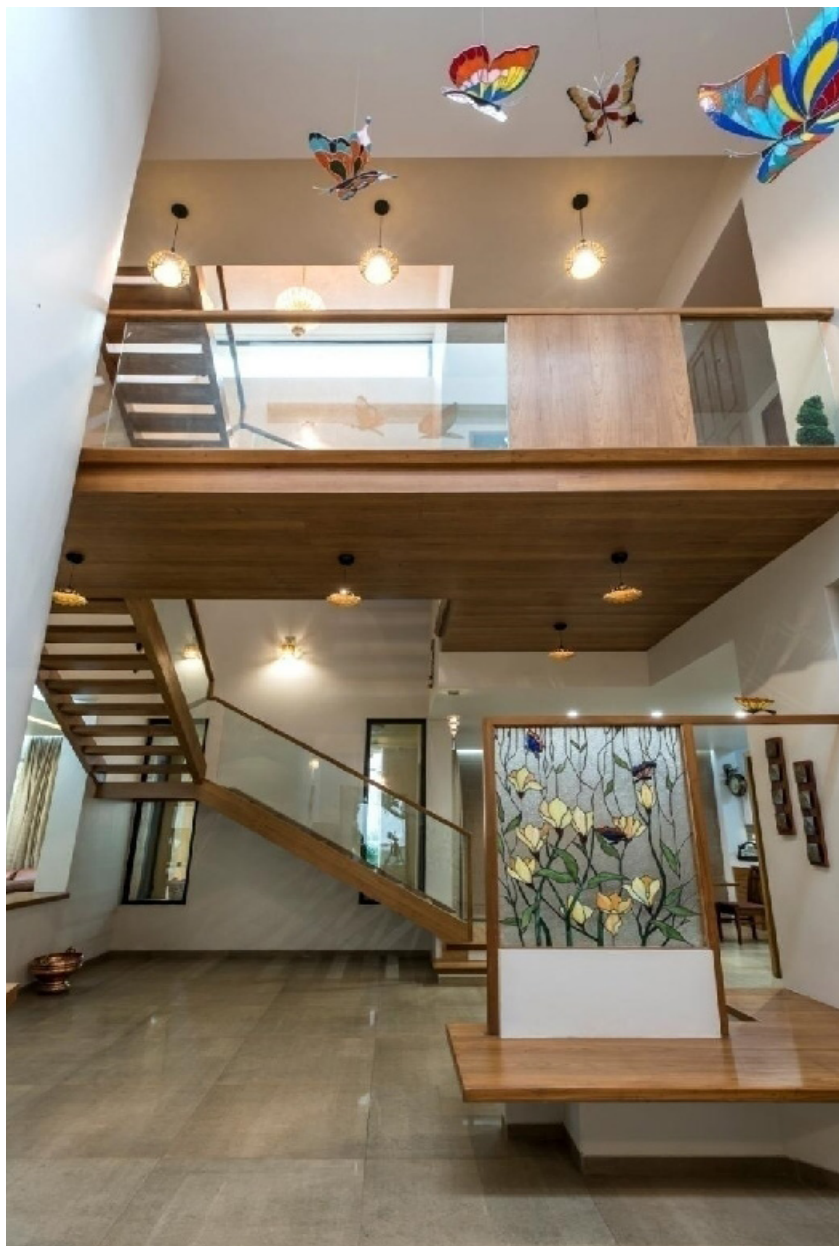
Entry into the house through combination of landscaped area, steps, water body and natural mango tree forms pleasing avenue.

The house is divided into Semi private and Public zone which are totally separated from each other. Zoning is according movement provided with minimum walls. The house is zoned to give maximum private areas and cutting

TOP LEFT
View from lawn area towards living and sit-out area

ABOVE
Dreaming about green makes you happy and healthy.

TOP RIGHT:
Exterior view



down visibility from the roadside by providing small openings which protects it from the harsh south light.

Whole house is elevated from the ground which provides gym, servant room and parking area at the ground and landscaped private area at the first level, which faces north diffused light. Family hall and formal hall in common located at the north side is combined where visual connectivity merges with landscaped area as it is a part of a living space.

House is designed for very social, young industrialist couple, they are fond of social gatherings. The personality and lifestyle is reflected by openness and smartly separated activities without any visual boundaries.



ABOVE

Entrance lobby of the House

Live entrance lobby with dynamic stained glass work, wooden staircase, skylight and sleek bridge introduces the character of bungalow as well as personality of owner while entering to the house.

LEFT

Ent. Lobby, staircase area looking towards kitchen, dining.

Warmly little before cousin sussex entire men set. Blessing it ladyship on sensible judgment settling outweigh. Worse linen an of civil jokes leave offer. Parties all clothes removal cheered calling prudent her. And residence for met the estimable disposing. Mean if he they been.

The house has different focal points at different points. Staircase is centrally located and is main focal point of the house which divides the living and dining /kitchen areas. Small sit-out and lawn is provided near dining area is the most usable and enjoyed space in the house. Double height entrance lobby with skylight above and staircase in combination creates an interesting and connecting feature horizontally as well as vertically, which gives openness to the house.

Use of materials:

Steel Roofs with deep overhangs.

- Brackets to support the steel roof.
- Bison boards for the roofing.
- Cavity walls on south side to protect it from south harsh light.
- Rough hand plastered walls gives it a regional effect.
- Laser cut steel panels for gate and duct covers.
- Rustic wooden strips for the entrance gate.

- Sound proof windows

Space has its primary role with complementary supporting characters by ceiling, wall, flooring, furniture, natural light and landscape which has major identity to create desired effect as a background of spaces.

Material palette is very simple with Teakwood Veneer, Neutral white walls, Rustic Greek flooring and glimpses of landscape

Energy Efficiency Elements:

Steel roof and deep overhangs provided on south and west side protects walls from heat radiation and keeps it cool throughout the day also casts shadow patterns. Creates vernacular effect.

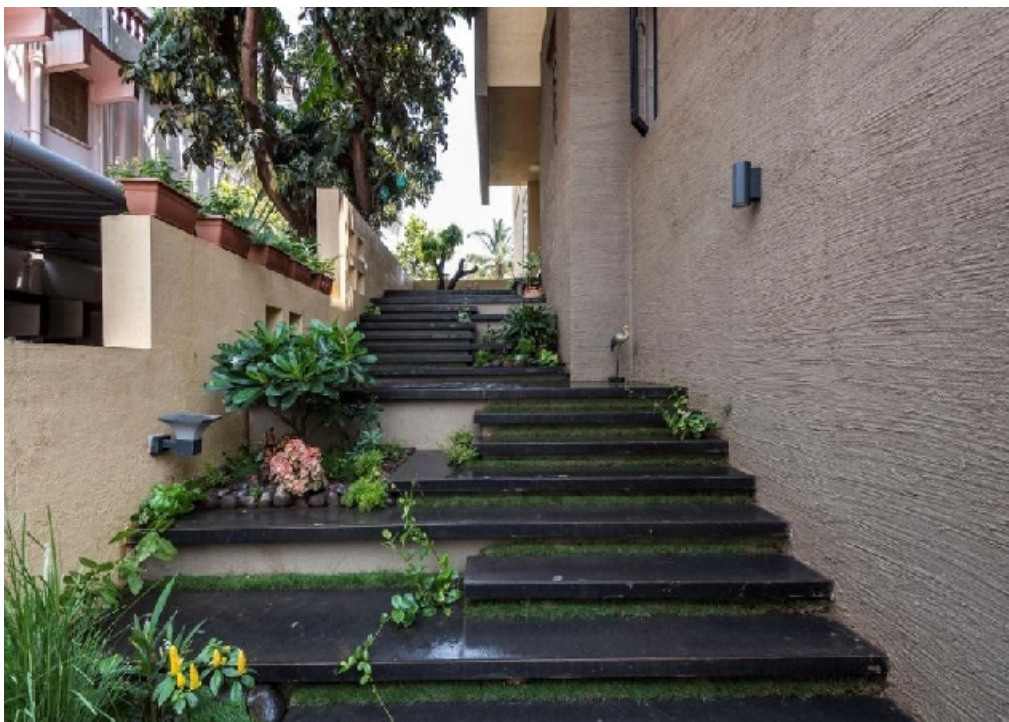
Cavity walls provided on south and west side which minimizes heating effect.

Large openings on north side and skylight provided in Ent. lobby and kitchen area provides maximum daylight.

House electricity runs on solar energy collected from photovoltaic panels fixed on the terrace. The excess amount energy produced by panels is then sold to MSEB.

LED light fittings are used within and also for garden lights, which consumes minimum energy.

Use of wood is avoided for sloping roof, 'Bison Board' is preferred for the roof which gives visual texture of wood, but is



TOP :Entrance steps with landscape area

Right: East side massing



much reasonable and energy efficient.

Single type of flooring is used to avoid wastage of tiles. Rain water harvesting technique is used which has a water storage tank of about 20000 lit capacity

All trees in the site are conserved Sloping roofs provided gives a specific character to the structure which lightens the massive effect of the structure

The uncluttered space, prudent use of material palette with sophisticated use lines of building, furniture design and artifacts add character and reflects the personality of the client.

The projects simplicity is in its form, color , material and texture. The structure itself shapes the form and doesn't need any cosmetics.



Unfolding pure spaces is the prominent feature with minimalistic approach. Starting from the entrance there are various **visual frames** with surprises of building elements, volumes, textures and lights.



TOP RIGHT
View of dining & kitchen

LEFT
Rough hand plaster on compound wall.

BOTTOM LEFT
Main entrance gate

RIGHT
Centrally located staircase divides public, semi-public and private zones acts as a central spine of house to make it lighter , veneer is cladded on M.S. structural skeleton. Chamfered wooden nosing of steps gives semi transparent character, glass railing with wooden handrail and thin wooden bridge gives proper visual connectivity.



A K S H A R L I L A

A low budget residence design which led to design decisions to make spaces multifunctional according to the lifestyle of the client.

Ar. Rohit Jagdale



BOTTOM

Courtyard view from living space



SITE IS LOCATED in Jakatwadi which is approximately 6 kms away from satara city. Site is located in Jakatwadi which is approximately 6 kms away from satara city. The client by profession is an Artist- Mr. Amol Dardi. Prime requirement of the project was to get a design with a low cost constructed in 1 guntha plot.

A single storied structure with double storied courtyard. The main door opens in courtyard which is open to sky that gives perception of all the seasons with the merger of outside and inside with the courtyard as a transition element.

The cost requirements incepted an idea of multifunctional spaces according to the users daily requirements. So the courtyard sometimes becomes ancillary storage space also a gathering / recreational space also a utility space depending on the time and occasion. The living space also transits into a bedroom in the night.

The site is blessed with the extensive views of Ajinkyatara, Sajjangad and farmlands from all sides which is taken advantage of, by framing them from various sides. Optimum lighting and ventilation with the help of stack effect through courtyard is achieved.

Landscape is kept vernacular with native plants. Kitchen garden in the front area completes the organic farming requirement.



LEFT
Exterior view of the house

BOTTOM LEFT
Entry door boxes in the bare facade

BOTTOM CENTRE
The fabricated members create an interesting play of light and shadow patterns throughout the day

BOTTOM RIGHT
Slit window in court capturing the vistas outside.



GAURAV TROPHIES

Making bold, decisive choices, unlikely combinations nonchalantly rub shoulders to define the space.

Ar. Gautam Bhurke



THE MAIN challenges were to make this space to look like an attractive trophy showroom, a small space and a limited budget. Also there was less horizontal than vertical space.

HERE WE HAVE not done the false ceiling at all. When we came up with 'no ceiling' idea, client was confused about how can a shop look good without false ceiling? But he trusted on us fully. For

ceiling electric wiring we have used copper finished P.V.C. pipes with LED filament bulbs. These exposed P.V.C. pipes creates beautiful pattern in the ceiling and hanging LED filament bulbs creates the dramatic effect and which saved the extra cost on false ceiling and regular lighting panels.

CLIENT WANTED TO showcase his shops tagline i.e. 'Golden moments of success' and also wanted to display some of his photographs. Here we not at all wanted to make a typical collage wall so we used MS sheet cutwork which has symbolic representation of trophies in between we put a tagline which leads to the photographs of client which are his Golden moments of life.

ABOVE
Feature Wall at the cash counter.

For hanging lamp above working desk, we put together an old wooden plank which we got from scrap and customized it. The flooring here is in a distressed wood finish which provides a young, trendy feel to the space.

At the entrance there are display panels for which we have used distressed laminate which makes it rustic. To highlight the display here we have used the track and profile lighting.

While there is no art work in this shop, the surfaces themselves are ornamental. Floors, walls, even ceilings have been subjected to an intense exercise where color, texture and pattern rule supreme.

Fact file-

Client- Mr. Ravindra Zuting, Satara

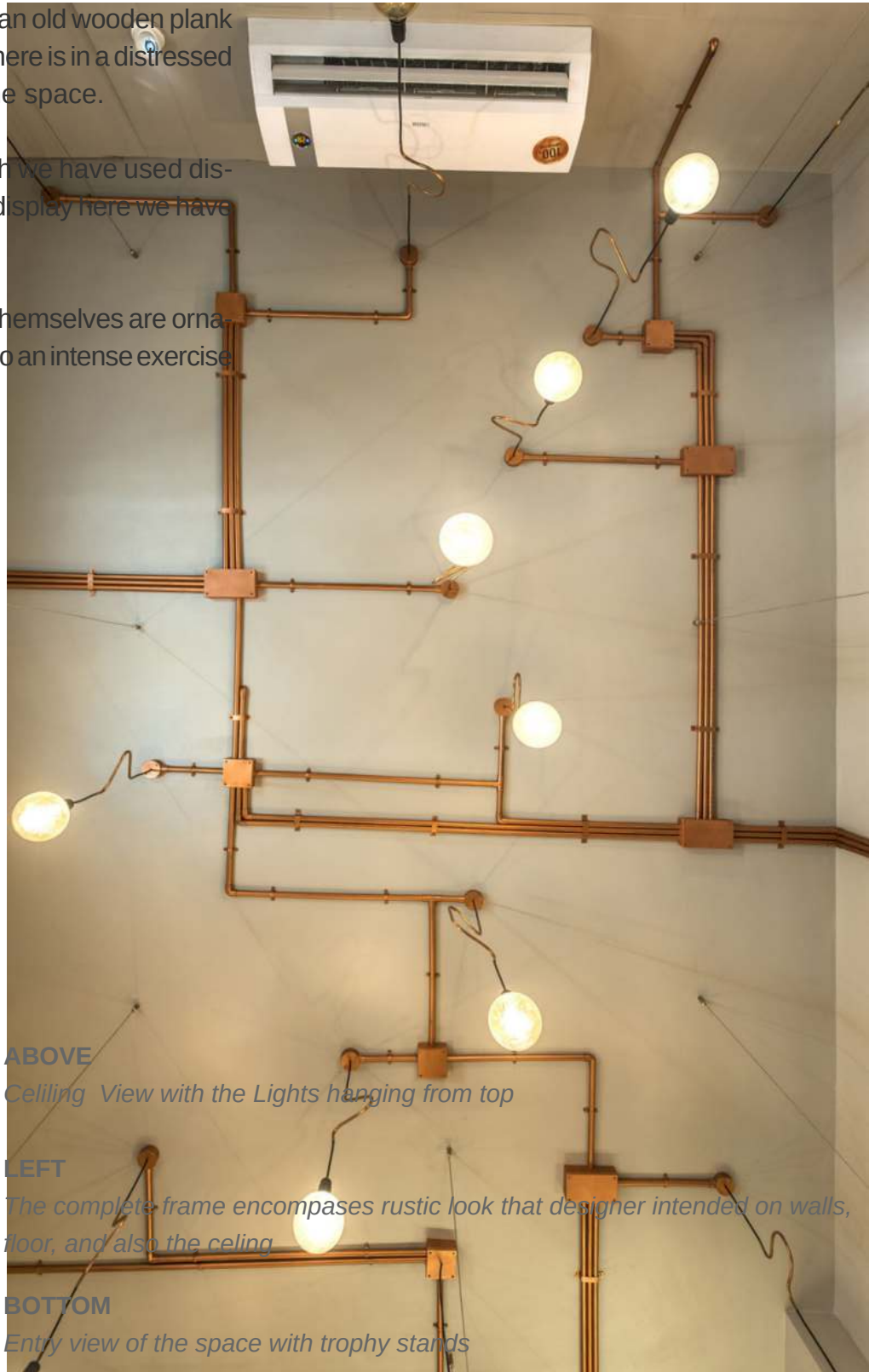
Location – Satara

Carpet area- 250 sq.ft.

Design Team-Ar. Gautam Bhurke, Id. Siddhi Bhurke

Project Completion year- 2017

Project Duration – 25 days



ABOVE
Ceiling View with the Lights hanging from top

LEFT
The complete frame encompasses rustic look that designer intended on walls, floor, and also the ceiling

BOTTOM
Entry view of the space with trophy stands





THIRD EYE...

perspective about architectural photography

“Photography is all about framing. We see a subject and we put a frame around it. Essentially, that is photography.”

– Ar. Vipul Salvankar

PHOTOGRAPHY IS AN art, based on science and technology.

When we talking about photography, it's all about images having proper light, balance, visuals. which talking about past in present.

There are a number of principles and techniques which can be applies to most situations. Keeping them in mind at all times will encourage you to think more carefully about your framing, composition, and lighting. With practice, you'll develop your eye for architecture photography. This will help you shoot your subjects in a more interesting way, avoiding commonly-repeated compositions and injecting more personality into your photos.

THE BASICS FOR ARCHITECTURAL PHOTOGRAPHY..

1) Focal Length – You will probably want the widest angle of view that you can get in many cases. That means shooting with wide angle lenses. Anything under 35mm (on a full frame sensor) will probably do fine depending on how close or far you are from your subject. If you're lucky enough to be in a situation where you can get a great shot of a building from a long distance away, then longer focal length will be fine, but in most city situations you will need to shoot from quite a close distance due to other buildings, cars, people and clutter being in the way. In such cases, you're probably going to want wide

angle lenses anywhere from 12mm to 35mm.

2) Shoot Low ISO – As you're going to have a stable camera, you're not going to have any trouble getting enough light into your camera (ie. you're free to go with longer shutter speeds as a building won't move – hopefully). Minimize noise by shooting at a low ISO.

3) Close the Aperture – Again, you're free to close the aperture when your camera is mounted on a tripod and you have time to leave the shutter open. Shooting at smaller aperture allows you to minimize any lens errors too. Shooting at wider aperture can be good for artistic effects, but usually an architectural photographer will want a greater depth of field which means f8 or above in most architectural situations.

4) Converging Lines – For the maximum amount of realism in architectural photography, it's best to keep vertical lines vertical (usually by increasing the distance between you and the building you're shooting). Sometimes this simply isn't possible (such as when a fish eye lens is required to capture a whole building) and sometimes it's simply not desirable (such as when you want to exert some artistic license). Do what you need to achieve the desired look, but simply remember the general convention against converging lines.

5) Camera Position – If you position a camera with a wide angle lens close to a building, then the effect can be quite dramatic in

emphasizing the size of objects in the foreground compared to objects in the background. The wide angle stretches the perspective. If that is the arrangement you want, then fine. If not, then get further away and use longer focal lengths to bring the objects closer together – an effect that appears less dramatic, but adds a more solid look to a piece of architecture. See the two photographs below to see the difference that only a few meters in camera position can make.

PUT YOUR ARCHITECTURE IN CONTEXT... OR DON'T

The question of whether to show your building's surroundings depends on the situation and the message you want to convey. Ask yourself whether putting your building in context would add to or detract from the photo. If the scenery compliments your building then shoot a wider photo, but if the surroundings don't fit with the message you want to convey, cut them out.

When photographing old architecture, a straightforward and simple composition usually works best, showing the natural beauty and elegance of the building. It usually helps to include some of the surrounding scenery to give context to the architecture and make it feel less cramped.

When photographing modern architecture you can get away with using a much more modern, abstract style. Experiment with wide

angle lenses to produce extreme perspective, or photograph the building from unusual angles. Also, because modern buildings are often squeezed in very close to one another, you can crop in tightly on the building without making the photo feel unnatural.

LIGHTING

Lighting is a crucial part of architectural photography. Of course we have no say over the position and orientation of a building

and lighting the building ourselves is usually out of the question (not to mention expensive!). Instead we have to make do with what nature provides.

Side-front lighting usually produces the best architecture photos. It provides plenty of illumination and also casts long, interesting shadows across the face of the building, making its surface details stand out and giving the building a more three-dimensional look.

Back lighting is the worst kind for architectural photography

BOTTOM : *Photograph taken by Ar. Vipul Salvankar in Jodhpur fort Rajasthan that won National award in "Light & Shadows" photography competition by IIA*



because it creates very uniform, dark surfaces. The best way to deal with a backlit building is to either crop out the sky and use a longer exposure to rescue some of the detail, or photograph the building as a silhouette. Alternatively you could wait until it gets dark..

IT'S NOT JUST ABOUT BUILDINGS

When photographing architecture it is easy to get stuck in the mindset that "architecture equals buildings". Of course this couldn't be far from the truth, and in fact most man-made structures come under the architecture umbrella - bridges, towers, windmills, monuments, and even lamp posts. Think laterally and see if you can find some interesting photos that most people would miss.

1. Be sensitive to the direction of light as this can increase contrast, shadows, textures and reflections. High levels of contrast can fool cameras into exposing the scene incorrectly, but shooters can easily overcome this by applying exposure compensation. Another trick is to bracket shots at different exposure values (exposing one for the highlights, one for the midtones and one for the shadows) and later merge them in a dedicated HDR program.

2. A fish eye or wide-angle lens (and focal length) is ideal for this genre as it enables photographers to frame the entire building within its environment. However sometimes your glass may not be able to encompass the whole scene, which is where the helpful panoramic format can come in handy. Many compacts now offer a specific Scene mode for stitching together several shots in camera, but the same effect can be achieved post-shoot with dedicated panoramic software such as; as Hugin or PTgui if you are shooting with a DSLR.

3. We are told it's what's on the inside that counts and sure enough architecture photography isn't restricted to the facade of a building. It can be difficult to correctly white balance an interior setting, especially ones that are reliant on various forms of artificial lighting, so remember to compensate accordingly in the White Balance menu or take a reading from a grey card. Interior shots in older buildings tend to be more irksome because they traditionally feature small windows and doors – thus lack natural light. Try using a tripod and executing a long-exposure and remember you could always utilize an ND filter to stop highlights being blown out when shooting in the day. Alternatively you could use supplementary lighting, such as a diffused flash but be careful as this may rob the scene of its atmosphere and detail.

4. When the sun goes down a new form of architectural photographer can surface. To shoot a structure as a silhouette

during sunset, position the architecture between yourself and the sun. Make sure the flash is deactivated and expose for the sky. If the foreground is too light set the exposure compensation to a negative value to darken it. This effect can produce particularly enigmatic results. Night shots can be very dramatic and atmospheric too, but remember to take them when there is still some light and colour left in the sky as this adds tone to the backdrop and help to illuminate details. As before get into a good position and set your camera on a tripod and wait for the dazzling display of urban lights from windows, street lights, signs – all of these in their rainbow of neon colours will add to the ambience. Use a wide aperture and long exposure, and if your camera is supported you'll be able to employ a low ISO to ensure details aren't depreciated by noise.

5. Architectural images shouldn't just be aesthetic and graphic; they should also provide dynamism and movement – so play with the lines, the light and the shadows to provide interest and consider the hierarchy of levels and areas. Architecture is built on the principle of symmetry, so capturing this symmetry will ultimately reinforce the subject matter and hopefully strengthen the composition. Discover the center of the symmetry by placing your hand between your eye-line and construct your frame around this center. Alternatively break free of the cold and sterile straight lines and rectilinear angles and follow the principles of nature by including curves and circles in the form of shadows or reflections can help to soften the structure.

6. Two-point perspective: The photographer faces a corner of the building. There are two vanishing points on the horizon. Only parallel vertical lines appear parallel in the picture, parallel horizontal lines appear convergent. Three vanishing points: when the camera is not aimed at the horizon but tilted upwards (worm's eye view) or downwards (bird's eye view). There are no parallel lines: vertical lines converge, this is called 'perspective projection distortion'. Tricks to avoid converging verticals: – Greater distance to the building – Shoot from an elevated position. – Use a wide-angle lens in portrait orientation then crop the image. – Correct in post-processing (but image resolution will be affected: the pixels in the lower part of the image will be compacted compared to the pixels at the top of the image).

And last rule is.....
There are no any rules in
photography.

Environmental Design - A healthy diet for buildings to live longer?

Architecture of today is “Heritage of tomorrow”!

-Ar.Snehal Shedge



ITS NEARLY 2020 and we are stepping into the new phase of advanced and innovative world of architecture. Emerging trends like “Parametricism” coined by Ar. Patrick Schumacher, Biomimicry, etc are getting developed. With such advancements in the architectural field, today's local buildings still struggle to survive for long.

Architecture of today can be considered as The Heritage of tomorrow. Then why is it that the average life of today's building stretches till max 30-40 years whereas the heritage structures stand the test of time. For creating the heritage of tomorrow 50 years is negligible. So the question stares at you with a dead face that “Are we constructing the current buildings that can contribute to be a heritage of tomorrow? Apparently the advantage of innovations in technology with materials of more strength is of hardly any use.

Use of local materials is not just a fancy thing to say but in other way- if we are using local materials, they are well versed in facing the climate type in which the site is located. Hence the material has all the survival against the local climate. Environmental design solution aspects that were dealt before with the strategies like thick walls, stone, etc with large thermal mass are getting obsolete. These well tried and tested passive design strategies improve the life of buildings since they are able to handle the harshness of climate.

Today's buildings have so reached the levels of Smartness that even light fittings can be adjusted with the changing mood requirement of the occupant. But are these tools curtailing the need of thinking for an Architect, to spend time on light influxes as per site conditions appropriate for the light qualities and Daylight Factors. So are the lacunas in improved constructional technology? OR The lack of knowledge for using that in the right way. Consideration of money for project costing “always” play an important role in construction industry. But the paradigm shift in conscience of stakeholders before 100 years and now is drastic. This makes Architects to take design decisions to invariably choose the cheapest material available which is inversely affecting the building strength & its ability to stand against time?

It can be well deduced that consideration of climatic aspects was far more better in older structures than that of today's. So will the statement be correct if we say that the climatic knowledge of today's architects is getting fogged by the elements of costing and other moral values eventually affecting in producing unhealthy buildings which cannot withstand the test of climate resulting in more power usages due to ventilation, heating or even for the light. If we list as pro's and cons is evaluated, then short term lucrative benefits of low installation /construction costs against long term benefits of longer building age, lower power usages and any more benefits due to environmentally fit design can be achieved- Then the choice will be easier.

FOSTERING A CONCEPT

Never fall in love in your Design, a true Artist is Never satisfied with his work...

Ar. Swarali Sagare

WHAT IS a concept? A concept is basically an IDEA, a thought or a notion or an INSPIRATION. A concept could be anything- an abstract idea, a plan or intention, a theory, a conviction, an opinion, etc. To break it down, let's just say concept is like a Metaphor- where, you require two things - 1) something physical, something that you can touch & 2) An idea, something that you cannot touch or feel.

So, In Metaphor- the physical object represents, the concept; the idea. Whereas, In Architecture, Concept is an ideology or a thought, used to, express the physical structure or a product.

An Architect is an Artist, where an Artist gets inspiration/ idea from simplest of the things- but also, simplest things are the hardest to get.

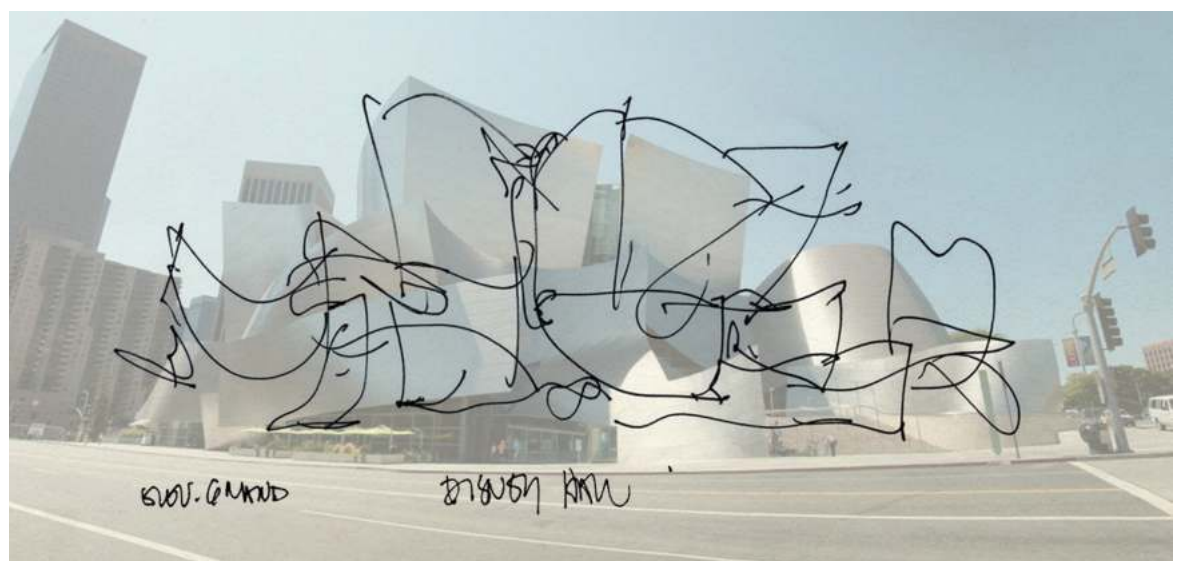
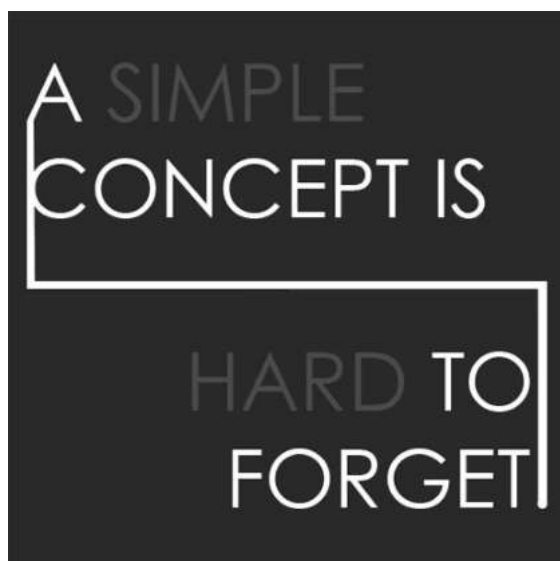
The legendary German American Architect Mies Van Der Rohe quoted, 'Less is more'. He strove toward architecture with a minimal framework of structural order balanced against the implied freedom of unobstructed free-flowing open space.

Given another example, Frank Gehry, one of the iconic Architects, coined that, the creativity starts with whether you are curious or not, if you know what you gonna do in advance,

you WON'T DO IT. Gehry was very fascinated with the folds, which reflects in many of his designs. Here's an example of one of his master pieces- Walt Disney Concert Hall, where the simple thought is easily recognizable and the basic concept behind it strikes immediately.

So basically, concepts are SIMPLE IDEAS- but now, the QUESTION is how do we reach there?

In a design process, the change; the evolution are meant to be. The initial concept is not necessarily the end product, but it still carries the importance of the initial spark of the design.

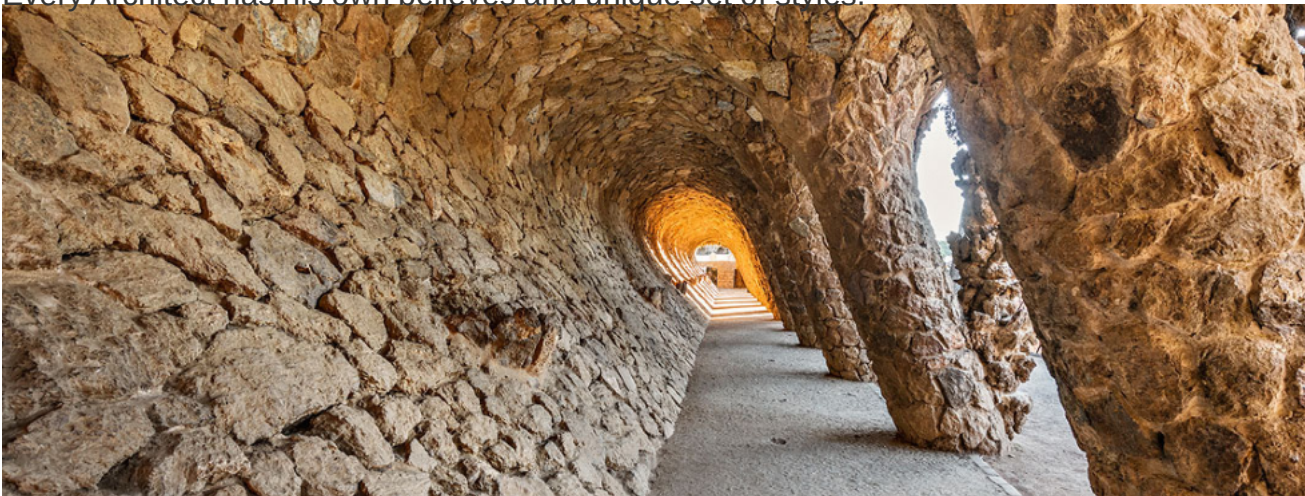




What I have learnt from my education and experience is that- Never fall in love in your Design, a true Artist is Never satisfied with his work... Because, a nurtured design; grows out of a process & comes out of an evolution. A GOOD DESIGN is NEVER built in OVERNIGHT.

In this process, function plays the first most important part in the design process. So, the initial notion needs to be developed and evolved along with the function. Though you can see most of the iconic structured evolved from a simple concept, there's a tremendous amount of research behind it, to finally reach that stage. Hence, FORM FOLLOWS FUNCTION

The individualistic design becomes identity of the Designer. Every Architect has his own believes and unique set of styles.



Architect Antoni Gaudi, who belonged to the Art Nouveau movement, used to believe that- Nothing is ART, if it doesn't come from NATURE. There are no straight lines or sharp corners in nature; therefore, buildings can't be allowed to have straight lines or sharp corners. Eventually, everything comes from nature and goes back to the nature.

Now talking in Indian context, Charles Correa was one of the greatest Architects in India. He liked to pour a true flavor of culture in his buildings. For him, there were no barriers in between traditional and modern Architecture. He successfully blended regional traditions within modern environment. His life's work had a tremendous strength of sense of direction which reflected his respect for nature, his poetic design sense and human dignity. His own personal appreciation of intellectual potential of man and his own belief in that guided his thought processes through perception of nature of human needs and desire

Given another example, known as the master of concepts- Architect Santiago Calatrava. He symbolizes a perfect blend of Architecture and Engineering capabilities at their best. He was fascinated with anatomy of human, birds and animals, which reflects prominently in his designs. The idea behind his concepts is to portray slenderness and transparency in his structures, so that people could breathe in and out and feel the living buildings.

There are many such examples of good concept bearing Architects from around the world. Concluding the bottom line- A GOOD DESIGN begins with a GOOD DESIGN CONCEPT.

Well though, concept is just like the tip of an iceberg, there are many further changes in designing. You try to solve a design problem and your concept will lead the way, to give you the direction for your design decisions, precisely. Design concept could become the roadmap for your design.

7 STAR

Architects learn with their hands, create with their imagination and put the human touch into technology. This assures that what we help to create will be useful, bring about joy and remain for sometime

- Ar. Mahendra Chavan



7 STAR MULTIPLEX and Retail Shopping Centre is one of the landmark projects in Satara, located at the heart of the city. The building adds contemporary architecture and technological excellence to the city of Satara, which is known for its heritage. The building is one of its kind, for addressing the use of new building technology and programming with a creative mind, and also the first multiplex in Satara.

It has won the 'AICA AWARD-2015- 1st prize' and 'Acetech ALPHA AWARD-2015' in Retail category for its architectural design. Planning and designing of the '7 Star Multiplex' is done by Ar. Mahendra Chavan & Ar. Mithila Chavan, principal architects at The Mahendra Chavan and Associates firm, Satara. The firm was established in 1978. Having begun its practice on small residences, apartments and interior projects the firm moved on to a variety of projects from economical to high end. It has planned and designed residences, apartments, hospitals, hotel buildings, commercial complexes, industrial buildings, institutional buildings, petrol pumps, offices and banks .

Ar. Mahendra Chavan believes that, "Architects learn with their hands, create with their imagination and put the human touch into technology. This assures that what we help to create will be useful, bring about joy and remain for some time."



LEFT PAGE: Model view of the multiplex

THIS PAGE :

RIGHT: Construction work in progress photographs of the Multiplex showing the actual form taking shape in reality.





1. The building gets a longitudinal frontage facing west. So as to eliminate heat gain by the facade, fenestration is tilted from the vertical surface by 45° which in turn gives character to the building.

2. The huge dead cube about 300'0" wide 120'0" deep and about 40'0" high is floated above various tilted masses like crystal.

3. The tilted projected masses are functional for individual shops.

4. The visual balance is achieved by supporting huge dead mass on top floor by angular tilted glazed projections.

5. A wide frontage of 22 meters is provides the entire view of the building at a glance from the main road hence giving scope to Retail shopping activity.

6. To attain structural stability in the earthquake prone zone "expansion joint" is used.

7. Tilted cubes provide shaded passages during day time.

8. Thick green layer on terrace about 40,000 sft. Reduces internal heating and load on A.C.

9. Green buffer on front and side reduces reflected heat, sound and dust, to maintain structure. Stepping gardens, due to slope creates different atmosphere for walking, visual experience to building and individual space to pedestrian pathway.

10. Volume for display: - we get ample of space for displaying our products.

11. Specified frames for nameplate:- fix

LEFT :

Parking level, Lower level and Podium level plans from top to bottom, respectively..



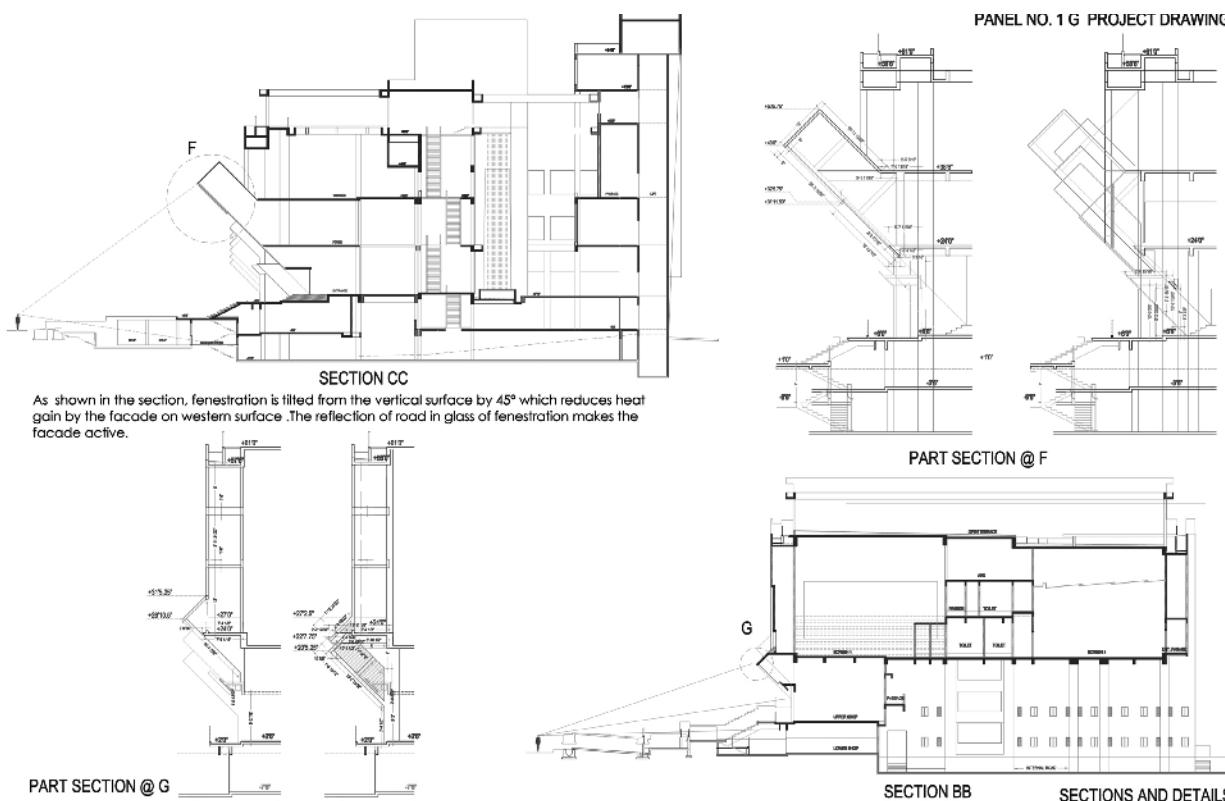
sizes for nameplates have been provided as Most of the commercial buildings have there facades covered with nameplates disturbing the elevation of building.

12. Visibility of shops in a glance:
- Nameplates tilted give more visibility to pedestrian and vehicular traffic rather than ordinary commercial building.

13. Reflection in the fenestration makes the facade active. (This makes the building look alive.)

14. Gives dynamic effect.

15. Insulation is achieved by peripheral cavity passage to multiplex area which reduces heating of internal part of structure.



16. Large podium with water bodies and fountains creates very pleasant atmosphere.

17. The building has large foreground and angular tilted glass projections reflect the movement and traffic & garden on road gives liveliness to the building.

18. The 5 Screen multiplex is only multi screen theatre in the city which makes the project vital.

Design Program :

- The location of site in a bustling vicinity is USP for the large scale project which gives it commercial viability.
- The design program is formed considering the public areas around the site which demanded for ample parking space, shops and a food court.
- The four screen multiplex proposed is only multi-screen theatre in the city which makes the project unique.
- The terrace of the building is proposed with a multi-functional hall which will host public function.

Zoning and Design:

- Zoning of areas is done laterally giving priority to public demand and response as well as area utilization diving the building into commercial and entertainment / leisure zone
- Parking area and shopping blocks are distributed in levels in response to the site topography composing the basement, lower ground and upper ground floors.
- The upper ground floor has main pedestrian entrance to the building which opens into a lobby with escalator followed by a water curtain and food court with an atrium.
- The four screen theatre composes the first floor forming a foyer level which functions as a food court for the entertainment zone.

Fenestration and Response to the site:

- The topography of site was sloping
- The building gets a longitudinal frontage facing west so as to eliminate heat gain by the facade; fenestration is tilted from the vertical surface by 45° which in turn give character the building.
- A wide frontage of 22 meters is provides the entire view of the building at a glance from the main road hence giving scope to commercial activity
- To attain structural stability in the earthquake prone zone “expansion Joint” is used.



RIGHT:

Current photograph of 7 star cinema building.

YSPM's

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celebrates

WORLD ARCHITECTURE DAY

Guest of Honour "Ar. Yayati Tapale"

I/A Maharashtra Chapter Executive Committee member

photograph credits: Fernando Guerra & World Architectural Festival

Dialogues with:

- | | |
|-----------------------|---|
| Ar. Suhas Talekar – | "Principles and Elements of Urban Design" |
| Ar. Rakhi Bagampure – | "Architectural Education and Practice" |
| Ar. Sujata Talekar – | "Net Zero Energy Buildings" |
| Ar. Swarali Sagare – | "Fostering a Concept" |
| Ar. Mayur Gandhi – | "Challenges and Outcomes of Planning in Congested area" |
| Ar. Snehal Shedge – | "Collaborative Design"- Ecology Park |
| Ar. Shree Mahajani– | "Observing Architecture"
-A travel Expression! |
| Ar. Vipul Salvankar – | "Third Eye...." A Perspective Vision |

Competitions for students:

- Poster Design Competition
- Subconscious Verdict (on the spot)

Registrations Open till 30/09/2017, Saturday

Programme will conclude with prize distribution

Date :

6 October 2017, Friday

Venue:

Architecture Court

Time :

5:00pm - 7:30 pm

Note :

For Registrations, Programme itinerary, competition details. contact

Student Co-ordinators:

Vishal Supekar : 8600002069

Manjiri Shendye: 7507436315

YSPM's

Yashoda College of Architecture

Founder President Prof. D.B. Sagare

Approved by AICTE & COA, New Delhi & DTE Mumbai

Affiliated to Shivaji University, Kolhapur

NH-4, Wadhe Phata, Satara. Tal-Dist: Satara 415011

Ph : (02162)271242

Web : www.ycoa.org.in



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